

The BULLETIN OF THE BEAUX-ARTS INSTITUTE OF DESIGN

CORRESPONDING MEMBER SCHOOLS

SCHOOL YEAR 1946-1947

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DEPARTMENT OF ARCHITECTURE

AMERICAN INSTITUTE OF ARCHITECTS
AMERICAN INSTITUTE OF DECORATORS
AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS
SOCIETY OF MURAL PAINTERS
NATIONAL SCULPTURE SOCIETY

SOCIETIES COOPERATING

THE BULLETIN OF THE
BEAUX-ARTS INSTITUTE OF DESIGN
AUGUST 1947 VOL. XXIII NUMBER FIVE SCHOOL YEAR 1946-1947

CONTENTS

ARCHITECTURE

JUNE 12, 1947	AN AIRLINE TICKET OFFICE CLASS A SKETCH IV (PAGE 56) A GARDEN RETAINING WALL & POOL - <u>SPIERING PRIZE</u> CLASS B SKETCH IV (PAGE 58)
JUNE 17, 1947	A SCHOOL FOR FASHION DESIGN - <u>THE TRAPHAGEN PRIZE</u> CLASS A PROBLEM IV (PAGE 60) A PASTEURIZING PLANT - <u>KAWNEER PRIZE</u> CLASS B PROBLEM IV (PAGE 63)
JUNE 19, 1947	A SMALL OUTDOOR THEATRE CLASS C PROBLEM IV (PAGE 66)
AUGUST 5, 1947	A ROADSIDE DISPLAY STAND CLASS C PROBLEM V (PAGE 69) COVER FOR AN ARCHITECTURAL MAGAZINE CLASS A SKETCH V (PAGE 72) A FERRIS WHEEL CLASS B SKETCH V (PAGE 74)
AUGUST 12, 1947	A RESORT HOTEL - <u>ARCHITECTURAL FORUM PRIZE</u> CLASS A PROBLEM V (PAGE 76) A HANDICRAFT SHOP CLASS B PROBLEM V - FREE PROBLEM (PAGE 78)

PAGES IN THIS ISSUE 56 - 81
PHOTOSTATS IN THIS ISSUE #86 THRU 130

THE REPORTS OF THE JURY IN THE BULLETIN ARE PRESENTED AS AN UNOFFICIAL OPINION BY A MEMBER OF THE JURY DELEGATED FOR THIS PURPOSE, AND SHOULD NOT BE INTERPRETED AS THE COLLECTIVE OPINION OF THE JURY.

THE BULLETIN IS ISSUED FOUR TIMES DURING THE SCHOOL YEAR BY THE BEAUX-ARTS INSTITUTE OF DESIGN, 304 EAST 44TH STREET, NEW YORK 17, N.Y. SUBSCRIPTION RATE BY THE SCHOOL YEAR -WITHOUT PHOTOSTATS OF PREMIATED DESIGNS, \$2.00 IN THE UNITED STATES, COLONIES, AND MEXICO; FOREIGN POSTAGE 50 CENTS ADDITIONAL. SERVICE SUBSCRIPTIONS WHICH INCLUDE THE PHOTOSTATS (8½"x11") OF PREMIATED WORK OF STUDENTS, \$25.00 FOR THE SCHOOL YEAR PROVIDED SUBSCRIPTION IS ENTERED PRIOR TO FIRST JUDGMENT OF THE SCHOOL YEAR. PHOTOSTATS ORDERED FOR SUBSCRIPTIONS PLACED AFTER THAT DATE ENTAIL AN ADDITIONAL COST WHICH IS CHARGED TO THE SUBSCRIBER. SINGLE COPIES OF THE BULLETIN WITHOUT PHOTOSTATS \$1.00. PHOTOSTATS OF DESIGNS 25 CENTS EACH; INDIVIDUAL REPORTS OF PROBLEMS 10 CENTS EACH.

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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any
Nine Consecutive Hours in the month of—April
Judgment will be held on or about —June 9, 1947

CLASS A SKETCH IV—AN AIRLINE TICKET OFFICE

Author—Marcel Breuer, New York, N. Y.

Mr. Breuer was born in Hungary, received his M.A. from the Bauhaus, Weimar, 1924; was director of the Bauhaus at Dessau 1925-1928; practiced in Berlin 1928-31 and in other European countries 1935-1937. He became associate professor at Harvard University in 1937 and partner in the architectural office of Walter Gropius in Cambridge, Mass. He is at present on a leave of absence from Harvard University and is practicing in New York.

This ticket office is located in the largest commercial hotel of a city about the size of Philadelphia, Boston, or Washington. It is near the main hotel entrance, and is accessible from the street and from the hotel lobby. It should draw attention from both the street and the lobby.

Such a ticket office should not only be an efficiently functioning instrument, but a special demonstration and display object: to attract interest for the company and traveling by plane. It is rectangular in shape 32 feet deep and has a 24 foot street frontage with stores on both sides, and hotel lobby at the rear; its height is 12 feet. The side walls are party walls and have no openings. The sidewalk and lobby floor level is the same.

2. A weighing scale to be put near the entrance to the street and to be controlled from the ticket counter. Required floor space 2'6" by 2'6".
3. Some shelf space for storage, stationery, and time table supplies.
4. Coat closets for six employees. (Employees use the hotel's washrooms.)
5. Space or shelving to hold about forty suitcases.
6. As many comfortable seats for the public as possible, including some tables for ashtrays, etc.
7. A large map showing the company's airline routes.

Practical Requirements:

1. A counter at least 24 feet long 2'6" deep, and 3'6" high. This counter contains various supplies and equipment, all to be serviced from the back and top of the counter and not to be considered in detail in this problem.

REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")

A rendered perspective showing office and furnishings at as large a scale as possible with indication of colors, materials, and lighting.

Plan at the scale of $\frac{1}{4}$ " to the foot.

NOTE: A record of the date selected for this sketch by the supervisor must be forwarded to the Beaux-Arts Institute of Design as soon as determined. Sketches must be forwarded to the B. A. I. D. after the exercise.

The text of the program must be kept confidential before date of exercise.

Single Problem Registration: Students may submit one problem and corresponding nine-hour sketch for judgment upon the payment of a fee of \$2.50 at the time of making sketch for the problem. Individual nine-hour sketch may be submitted on payment of \$1.00.

The sketch must be presented on a single sheet of drawing paper 22" x 30" and must have a half inch unrendered margin on all four sides. The student must print in the lower right-hand corner:

- (a) the student's full name.
- (b) his school or atelier; or the name and address of supervisor.
- (c) the grade and title of the competition.

The space for this identification must not be smaller than $1\frac{1}{2}$ " x 3".

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A rendered perspective showing office and furnishings, at as large a scale as possible with indication of colors, materials, and lighting.
Plan at the scale of 1/4" to the foot.

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CLASS A SKETCH IV
AN AIRLINE TICKET OFFICE

AUTHOR - MARCEL BREUER, NEW YORK, N.Y.

JURY OF AWARD - JUNE 12, 1947

CHARLES W. BEESTON
ROBERT CARSON
GROSVENOR CHAPMAN

ARCHIBALD M. BROWN
JOSEPH JUDGE
JEDD S. REISNER
GEORGE C. RUDOLPH

DANIEL SCHWARTZMAN
JOHN STENKEN
R. DOULTON STOTT

REPORT OF THE JURY - By DANIEL SCHWARTZMAN

IT WAS CONSIDERED THAT THE FOLLOWING ESSENTIAL FACTORS SHOULD HAVE BEEN REPRESENTED IN THE PROPER SOLUTION OF THIS PROBLEM.

1. THE EXTERIOR SHOULD CLEARLY EXPRESS THE FUNCTION OF AN AIRLINE TICKET OFFICE THROUGH ITS GENERAL CHARACTER AND A DISPLAY MOTIF.
2. THE GLASS AREA AT THE STREET AND HOTEL ENTRANCES SHOULD BE SUCH AS TO PERMIT THE INTERIOR TO COUNT FOR AS MUCH AS POSSIBLE WITH THE DOORS CONVENIENT FROM BOTH STREET AND HOTEL AND AT A REASONABLE SCALE.
3. THE GENERAL ARRANGEMENT OF THE INTERIOR SHOULD BE STRAIGHTFORWARD AND SIMPLE IN ORDER TO AVOID A "CLUTTERED" APPEARANCE IN THE INTERIOR.
4. THE WORK AREA BEHIND THE COUNTER SHOULD BE KEPT TO THE MINIMUM REQUIRED IN FAVOR OF THE PUBLIC SPACE WHICH SHOULD HAVE BEEN AS GENEROUS AS POSSIBLE.
5. THE MOST CONVENIENT POSITION OF THE WEIGHING SCALE FOR THE HANDLING OF LUGGAGE BY THE ATTENDANT SHOULD BE IN THE LINE OF THE COUNTER. THE FACILITIES FOR STORAGE AND COAT CLOSETS ARE TO BE AS SIMPLE AS POSSIBLE.
6. THE SPACES FOR THE FORTY SUITCASES SHOULD HAVE BEEN DISPOSED ON A PLATFORM OR SHELVES NO MORE THAN TWO TIERS HIGH SO AS TO PERMIT EASY HANDLING.
7. THE SEATING ARRANGEMENT TO BE SUCH THAT THERE WOULD BE NO INTERFERENCE WITH THE MAIN CIRCULATION IN FRONT OF THE COUNTER. PLEASANT INFORMAL GROUPINGS, CONVENIENTLY PLACED TABLES ARE DESIRABLE.

THE JURY FELT THAT THE 24'-0" WIDTH INDICATED THAT THE DESIGN, INCLUDING THE COLOR SCHEME AND LIGHTING SYSTEM, BE KEPT AS SIMPLE AS POSSIBLE WITH A MINIMUM OF ELEMENTS. IT WAS ALSO FELT THAT NOT ENOUGH STUDY WAS GIVEN THE WALL BETWEEN THE TICKET OFFICE AND LOBBY WHICH WOULD BE A VERY IMPORTANT CONSIDERATION IN SUCH A TICKET OFFICE. THE ATTEMPT TO MAKE AN ARCHITECTURAL MOTIF OF THE EMPLOYEES' CLOSETS OR SUITCASE STORAGE PROVISION WAS INADVISABLE IN VIEW OF THE LIMITED SPACE AVAILABLE.

CLASS A SKETCH IV
AN AIRLINE TICKET OFFICE
AUTHOR - MARCEL BREUER, NEW YORK, N.Y.

JURY OF AWARD - JUNE 15, 1947

CHARLES W. BEESTON
ROBERT CARSON
GROSVENOR CHAPMAN
ARCHIBALD M. BROWN
JOSEPH JUDGE
JEDD S. REISNER
DANIEL SCHWARTZMAN
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THE PRESENT TENDENCY TO USE GROTESQUE, ABSTRACT HUMAN FIGURES WHICH OBSCURE OR COMPETE FOR INTEREST WITH THE DESIGN AND ADD. NOTHING TO THE COMPREHENSION OF THE SCALE, IS TO BE DEPLORED. THE SUBMISSION THAT WENT TO THE OTHER EXTREME AND USED REALISTIC FIGURES CUT OUT OF A PUBLICATION DID NOT BOTHER TO PLACE THEM IN THE PROPER SCALE RELATION WITH THE DESIGN AND ACCOMPLISHED NOTHING. THE JURY FELT IT WAS BETTER TO LEAVE SCALE FIGURES OFF THE DRAWINGS RATHER THAN TO DO THEM IN THE ABOVE MANNER.

THERE WERE NO SUBMISSIONS WHICH MERITED AN AWARDED OF A MENTION. OF THE HALF MENTIONS AWARDED, THE SKETCHES OF R.J. MAKARIUS, JR. UNIVERSITY OF ILLINOIS AND E.H.MILLER, II, OF UNIVERSITY OF PENNSYLVANIA, WERE SELECTED FOR PHOTOSTATING, EVEN THOUGH THEY CONTAINED MANY DISCREPANCIES. THEY SHOW, HOWEVER, AN APPRECIATION OF THE NECESSITY FOR DESIGNING FOR A SMALL SPACE AND WERE COMMENDED FOR GOOD ACCESS FROM EITHER LOBBY OR STREET, KEEPING FURNITURE OUT OF TRAFFIC AND FOR GOOD SKETCH QUALITY.

SUMMARY OF AWARDS:

9 HALF MENTION 49 NO AWARD 58 TOTAL SUBMITTED

UNIVERSITY OF ILLINOIS: HALF MENTION- F.C.HUFFMAN, JR., W.H.ISLEY,
P.KOENIG, R.J.MAKARIUS, JR., S.SALZMAN, G.STEINBERG.

UNIVERSITY OF PENNSYLVANIA: HALF MENTION- W.C.CRANMER, T.M.HIGHBERGER,
E.H.MILLER.

INDEX OF PHOTOSTATS

CLASS A SKETCH IV - AN AIRLINE TICKET OFFICE
JUNE 12, 1947

- | | | |
|-----|--|--------------|
| 86. | R.J.MAKARIUS, JR., UNIVERSITY OF ILLINOIS | HALF MENTION |
| 87. | E.H.MILLER, II, UNIVERSITY OF PENNSYLVANIA | HALF MENTION |

POSITIVE PHOTOSTATS ARE AVAILABLE AT 25 CENTS EACH.
A COPY OF THE REPORT MAY BE HAD FOR 10 CENTS.
REMITTANCE MUST ACCOMPANY ORDER.

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DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

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SPIERING PRIZE COMPETITION

A prize founded in memory of Louis C. Spiering, from funds bequeathed by him to the Society of Beaux-Arts Architects and given for the best solution on a Class B Nine-Hour Sketch. The prize is \$25.00.

CLASS B SKETCH IV—A GARDEN RETAINING WALL & POOL

Author—Grosvenor Chapman, Washington, D. C.

Mr. Chapman received degrees of B.A. and B.F.A. from Yale College and Yale School of Fine Arts in 1934 and 1937 respectively. After a three year apprenticeship in the offices of Harrison & Foulhoux, Architects, and Morris Ketchum, Jr., Mr. Chapman became associated as designer in 1940 with Mr. Chas. E. Tilton, Architect. In 1941 he was registered in Connecticut and entered private practice. In 1942 he was certified by the N.C.A.R.B. From 1942 to 1945 he was commissioned in the Navy, his duty involving construction planning and site selection for air stations. In 1945 he received commendation from the Chief of Bureau of Aeronautics. Since 1946 he has been in private practice in Washington, D. C. where he is also registered.

An architect has been retained for a cooperative development of 30 houses outside a city. During the construction his clients became interested in the possibility of creating a community swimming pool on a portion of the property which, was reserved for a garden, and the building committee has commissioned the architect to study the matter and submit sketches.

The garden is a wooded area with a 1 to 6 gradient sloping to the south. It is located in the center of the development and will be approached by footpaths only. A natural source of water is available which will be sufficient to serve a "flow-through" type pool containing 30,000 gallons (4,000 cu. ft.). Because of the obvious expense involved in reconciling a level body of water with a sloping site, the architect has been asked particularly to exercise his ingenuity in adapting a retaining wall and pool to the slope with a minimum of extra cost.

As a result of the initial conference the architect has these additional notations on his desk pad to guide him in preparing the sketches:

The male members say that war service showed them importance of swimming — "self-preservation" — "make it attractive to kids at an early age". Also want to stimulate competition by posting a challenge list or "ladder". A pool approximately 1000 sq. ft. might be sufficient.

Wives emphasize — "escape from heat" — supervision of small children, especially those too small to actually swim.

Some said, " — more interested in sun bathing than swimming".

General agreement that deep diving causes ear trouble, other infections — also dangerous. Conclusion: no diving board.

Women want sketches to suggest massing and pattern of landscaping, to guide them in locating shrubs and flowers.

Since the architect will not be able to please every one, he should consider all the ideas submitted, but exercise his best judgment in presenting a solution that will serve the community and be an aesthetic asset to the development.

REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")

Plan, showing relationship to planting and approaches at the scale of $\frac{1}{8}$ " equals 1'0".

Section through pool along N-S axis at the scale of $\frac{1}{8}$ " to the foot.

Perspective at as large a scale as possible.

NOTE: A record of the date selected for this sketch by the supervisor must be forwarded to the Beaux-Arts Institute of Design as soon as determined. Sketches must be forwarded to the B. A. I. D. after the exercise.

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Author — Grosvenor Chapman, Washington, D. C.

he should consider all the ideas submitted, but exercise his best judgment in choosing a solution that will serve the community and be an aesthetic asset to the town.

The garden is a wooded area with a 1 to 2 g. water-adjacent to the south. It is located in the center of the development and will be approached by footpaths only. A natural source of water is available which will be sufficient to serve a "flow-through" type pool containing 30,000 gallons (4,000 cu. ft.). Because of the obvious expense involved in reconciling a level body of water with a sloping site, the architect has been asked particularly to exercise his ingenuity in adopting a retaining wall and pool at the slope with a minimum of extra cost.

REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")

Section through pool along N-S axis at the scale of 1/8" to the foot.

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CLASS B SKETCH IV - SPIERING PRIZE COMPETITION
A GARDEN RETAINING WALL AND POOL

AUTHOR - GROSVENOR CHAPMAN, WASHINGTON, D.C.

JURY OF AWARD - JUNE 12, 1947

CHARLES W. BEESTON
ARCHIBALD M. BROWN
ROBERT CARSON

GROSVENOR CHAPMAN
JOSEPH JUDGE
JEDD S. REISNER
GEORGE C. RUDOLPH

DANIEL SCHWARTZMAN
JOHN STENKEN
R. DOULTON STOTT

REPORT OF THE JURY - BY ROBERT CARSON

IN THE DESIGNS FOR THE SPIERING PRIZE COMPETITION, THE JURY MANAGED TO SELECT A GOOD NUMBER OF INTERESTING SOLUTIONS. QUICK TO BE DISCARDED WERE THOSE THAT SHOWED TOO FORMAL AN APPROACH FOR THE SMALL COMMUNITY POOL OUTLINED IN THE PROBLEM. ELABORATE SCHEMES WITH MANY EXPENSIVE WALLS AND BUILDINGS, PROFESSIONAL LIFE-GUARDS, ETC. WERE CONSIDERED AS UNSUITABLE AS A COMPLETELY DULL UNIMAGINATIVE LAYOUT GIVING LITTLE ATTENTION TO THE GIVEN SLOPE. THE JURY FELT THAT SEPARATION OF CHILDREN FROM ADULTS COULD BE DONE BUT THAT THERE WERE CERTAIN ADVANTAGES, SUCH AS ECONOMY AND SIMPLICITY, IN A SINGLE POOL. THE QUESTION OF WHETHER THE CHILDREN'S POOL SHOULD BE ABOVE OR BELOW THE LARGE POOL IF SEPARATION OCCURED, WAS NOT RESOLVED IN FAVOR OF EITHER SCHEME. IN GENERAL THE CHILDREN'S POOL WHETHER ATTACHED OR SEPARATE SHOULD HAVE EASY ACCESS FROM ALL SIDES AND SHOULD BE SO DESIGNED THAT PARENTS COULD EASILY SUPERVISE THEIR OFFSPRING.

THE TWO PRIZE-WINNING SKETCHES WERE SELECTED WITH RAPID UNANIMOUS ACCORD. OF PARTICULAR INTEREST IS THE TOTALLY DIFFERENT CHARACTER OF THESE DRAWINGS. NOTICE R. KNOPP'S, UNIVERSITY OF ILLINOIS, SENSIBLE AND BEAUTIFUL USE OF THE RETAINING WALL AND HIS SIMPLE BUT CORRECTLY ORIENTED POOL, AWARDED THE SPIERING PRIZE AND A MENTION.

J.C. BLACKMAN, UNIVERSITY OF ILLINOIS, AWARDED THE SECOND SPIERING PRIZE AND MENTION, ACHIEVED A DELIGHTFUL SOLUTION FOR THE CHILDREN'S POOL. A GAY PLAYFUL SPIRIT DOMINATES THE ARCHITECTURE AND IS DEFTLY ACCENTED BY THE MANNER IN WHICH IT IS PRESENTED.

BY RUNNING THE POOLS AGAINST THE CONTOURS, A. RUDOLPH OF THE UNIVERSITY OF ILLINOIS, AWARDED A MENTION, HAD A DESIGN THAT SEEMED EXPENSIVE. THE CHILDREN'S POOL WAS CRITICIZED FOR ALLOWING ONLY ONE SIDE FOR EGRESS. THE COMPOSITION, HOWEVER, IS EXCELLENT AND DOES NOT NEED THE ADDITION OF THE "LATH HOUSE", PLACED TOO FAR UP THE HILL TO AFFORD GOOD VIEWS OF EITHER OF THE POOLS.

G. SCHWAB, UNIVERSITY OF PENNSYLVANIA, SUBMITTED A DESIGN THAT WAS CONSIDERED INGENIOUS, IF A LITTLE FLAT. THE ADDITION OF SOME SORT OF SHELTER WOULD HAVE HELPED. EVEN THE UMBRELLAS, INDICATED ONLY ON THE PLAN, WOULD HAVE ADDED COLOR AND INTEREST TO THE PERSPECTIVE.

SUMMARY OF AWARDS:

8 MENTION 13 HALF MENTION 207 NO AWARD
228 TOTAL SUBMITTED

GEORGIA SCHOOL OF TECHNOLOGY: HALF MENTION- M.G.HAMPTON
OKLAHOMA AGRIC. & MECH. COLLEGE: HALF MENTION- S.J.SHAFTEL, R.YOUNG.
PRINCETON UNIVERSITY: MENTION- A.TODD. HALF MENTION- D.E.CHAPMAN,
UNIVERSITY OF ILLINOIS: MENTION- R.KNOPP, SPIERING PRIZE, J.C.BLACKMAN 2ND
SPIERING PRIZE, A.RUDOLPH, A.A.HOOVER, F.D.SHELLABARGER.
HALF MENTION- R.M.BARANCIK, A.O.BUMGARDNER, J.J.JORDAN, R.SEEHAUSEN,
J.F.SCHROEDER, J.WIERSEMA.
UNIVERSITY OF NOTRE DAME: HALF MENTION- J.J.KRESS.
UNIVERSITY OF OKLAHOMA: HALF MENTION- E.C.HENDRICK, G.W.QUALLS.
UNIVERSITY OF PENNSYLVANIA: MENTION- G.V.SCHWAB, E.C.COOPER.

INDEX OF PHOTOSTATS

CLASS B SKETCH IV - A GARDEN RETAINING WALL AND POOL
SPIERING PRIZE - JUNE 12, 1947

- | | | |
|-----|--------------------------------------|--------------------------------|
| 88. | R.KNOPP, UNIVERSITY OF ILLINOIS | SPIERING PRIZE AND MENTION |
| 89. | J.C.BLACKMAN, UNIVERSITY OF ILLINOIS | 2ND SPIERING PRIZE AND MENTION |
| 90. | G.SCHWAB, UNIVERSITY OF PENNSYLVANIA | MENTION |
| 91. | A.RUDOLPH, UNIVERSITY OF ILLINOIS | MENTION |

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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any

Six Consecutive Weeks between —March 10, 1947—May 26, 1947

Judgment will be held on or about —June 9, 1947

THE TRAPHAGEN PRIZE

Prizes in the following amounts will be awarded to the three problems judged best by the Jury: First Prize \$150.00; Second Prize \$100.00; Third Prize \$50.00.

CLASS A PROBLEM IV — A SCHOOL FOR FASHION DESIGN

Author — William L. Bottomley, New York, N. Y.

Mr. Bottomley received his B.S. in Architecture from Columbia University. He was the McKim Prix de Rome Scholar to the American Academy in Rome 1906-1909. He also attended the Ecole des Beaux-Arts in Paris. He began practice in New York in 1911. He was a member of the firm Hewitt and Bottomley, Architects from 1912-1919. He is a Fellow of the A.I.A. He was awarded the Medal of Honor of the Architectural League in 1934; the Apartment House medal of the New York Chapter of the A.I.A. in 1921. He is the author of "Spanish Details" and editor of "Great Georgian Houses of America" volumes 1 and 2, 1933 and 1935. At present in private practice in New York. Mr. Bottomley's architectural work covers a large scope of projects, schools, clubs, residences, etc.

A School for Fashion Design is planning a building in New York with similar branches in Dallas, Chicago and Los Angeles. The student may choose the location and must designate it on his solution, but the space requirements in each city will be the same. The sites will be centrally located and convenient to all transportation. Each school is to accommodate 750 students.

Scope of Curriculum

The school conducts classes in Costume Design and Illustration, Clothing Construction, Interior Decoration, Window Display, Textile Design, Stage and Screen Design, Life Drawing, Dramatization of Costume, Caption Writing, Speech, and History of Art. It also conducts Fashion Shows and Public Exhibitions which are attended by a large public.

As Style and Fashion are the theme of the studies, great accent is placed on them. The Museum, the Library and the constantly changing exhibitions bring to the students all that is best of the past and of the contemporary modes. Lectures by celebrated stylists and artists are frequently given and made an integral part of classroom studies. For instance, in Costume Design both contemporary and historical models, of which the Schools owns over one thousand, are brought into the classrooms, analyzed, discussed, examined and measured. The same system is employed in all the other courses.

The "Fashion Digest," published for the students under the direction of the School, is a complete magazine, profusely illustrated on all phases of Fashion both old and new.

Size of Site

This will be a corner lot 200 feet facing North on an avenue or park and 100 feet facing East on a broad street. Present buildings adjoining to the South are setback 30 feet from the school's south lot line, and a party wall exists on the West Boundary.

Requirements

Entrance vestibule and Registration-Information Office.	
Reception Room with Exhibits	800 sq. ft.
Director's Offices	800 sq. ft.
Business Office	700 sq. ft.
Bookkeeping Office adjoining	400 sq. ft.
School Office	400 sq. ft.
First Aid Room	210 sq. ft.
Editorial Room including Photographic Studio for School Publication "The Fashion Digest"	700 sq. ft.
Library with mezzanine floor, fireplace, to accommodate 15,000 books, folios, etc.	1000 sq. ft.
Study Hall adjoining	600 sq. ft.
Studio classrooms with lockers for the following departments:	
8 Classrooms for first year Costume Illustration, each	900 sq. ft.

6 Classrooms for Advanced Costume Illustration, each	900 sq. ft.
1 Classroom for Beginning Costume Design	900 sq. ft.
1 Classroom for Advanced Costume Design	900 sq. ft.
2 Classrooms for Life Classes with high north light, each	900 sq. ft.
2 Classrooms for Textile Designing, each	900 sq. ft.
1 Classroom for Window and Interior Display, workshop included, with working windows for experimental practice and storage space for property	1000 sq. ft.
1 Classroom for Theatrical Costume Design with storage space for costumes, etc.	1800 sq. ft.
1 Classroom for Lettering, Perspective, and miscellaneous subjects, such as Merchandising	900 sq. ft.
1 Classroom for Beginning and Advanced Interior Decoration	2000 sq. ft.
3 Classrooms for Clothing Construction, Draping and Design, each	2000 sq. ft.
1 Classroom for Drafting and Pattern Making	2000 sq. ft.
2 Classrooms for Dressmaking and Sewing, each	2000 sq. ft.
1 Classroom for Millinery	2000 sq. ft.
Lecture Hall with working stage to be used as student workshop	3500 sq. ft.

Museum available to the public	3000 sq. ft.
Auditorium; may be in basement. This should have stage, dressing rooms, and coatrooms for public	7500 sq. ft.
Large Solarium for rest and relaxation between class periods	1800 sq. ft.
Gymnasium for teaching Posture, with showers and toilets	1800 sq. ft.
2 Supply storerooms for Art and Clothing Construction departments, each	800 sq. ft.
Shipping and Packing Room	800 sq. ft.
Coatrooms, locker rooms, rest rooms, and toilets $\frac{3}{4}$ women and $\frac{1}{4}$ men should be provided.	
Ceilings should be about 14 feet in clear for classrooms and studios.	
A main stairway and two fire towers and necessary elevators should be provided.	

Corridors should be ample in width as they will be used not only for circulation but also for exhibits and classes to view the exhibits.

DRAWINGS REQUIRED: (Sheet size 31" x 40")

Plans at the scale of $\frac{1}{16}$ " equals 1'0".

One section at the scale of $\frac{1}{16}$ " equals 1'0".

Elevation at the scale of $\frac{1}{8}$ " equals 1'0", of the North Facade.

A small perspective.

NOTE: A record of the dates selected for this problem by each supervisor and school must be forwarded to the Beaux-Arts Institute of Design as soon as determined.

The text of all programs must be kept confidential before they are issued.

Final drawings shall have a half inch unrendered border on all sides.

Drawings will be eliminated from the judgment for infringements of the following:

- Violation of requirements, or failure to pay the registration fee.
- Indefinite, illegible or insufficient indication of the solution of the problem in the final drawing.
- Omission or variation from the fixed requirements of the program.
- Failure to indicate the identifying elements as may be called for in any program.

Failure to comply with the requirements as stated in the Circular of Information for 1946-1947 shall exclude drawings from judgment. Copy will be sent on request.

CLASS A PROBLEM IV - THE TRAPHAGEN PRIZE
A SCHOOL FOR FASHION DESIGN

AUTHOR - WILLIAM L. BOTTOMLEY, NEW YORK, N.Y.

JURY OF AWARD - JUNE 17, 1947

WILLIAM L. BOTTOMLEY
CHARLES W. BEESTON
ARCHIBALD M. BROWN
ROBERT CARSON
KENNETH DAY

HOWARD GREENLEY
JOHN T. GRIDALE
JOSEPH JUDGE
MORRIS LAPIDUS
JEDD S. REISNER

DANIEL SCHWARTZMAN
JOHN STENKEN
OTTO TEEGEN
WHEELER WILLIAMS
LAWRENCE GRANT WHITE

VISITORS: MISS ETHEL TRAPHAGEN AND MR. W.H. LEIGH
MR. ALON BEMENT, DEAN TRAPHAGEN SCHOOL

PARTICIPANTS:

CATHOLIC UNIVERSITY OF AMERICA
GEORGIA SCHOOL OF TECHNOLOGY
OKLAHOMA AGRIC. & MECH. COLLEGE
PRINCETON UNIVERSITY

RICE INSTITUTE, HOUSTON
UNIVERSITY OF ILLINOIS
UNIVERSITY OF NOTRE DAME
UNIVERSITY OF PENNSYLVANIA

REPORT OF THE JURY - BY LAWRENCE GRANT WHITE

IN JUDGING THE SUBMISSIONS, THE JURY SOUGHT THE FOLLOWING DESIRABLE FEATURES: IN PLAN, AN AUDITORIUM EASILY ACCESSIBLE TO THE PUBLIC, WITH ADEQUATE EXITS AND MINIMUM INTERFERENCE WITH STUDENT TRAFFIC; SHALLOW CLASSROOMS WITH WIDE GLAZED FRONTAGE, PREFERABLY FACING NORTH; CONVENIENT ADMINISTRATIVE OFFICES; AND ADEQUATE STAIRS AND ELEVATORS. IN SECTION: THE AVOIDANCE OF BUILDING A TALL STRUCTURE OVER THE SPANS OF THE AUDITORIUM AND LECTURE HALL. IN ELEVATION: MASS; EXPRESSION OF THE CORNER LOT; AN INVITING ENTRANCE; USE OF THE FRONTAGE FOR DISPLAY.

MANY PROBLEMS WERE REJECTED FOR SUCH FAULTS AS DUMB-BELL PLANS WITH DEEP NARROW COURTS, INCONVENIENT AND INACCESSIBLE AUDITORIUMS, NARROW DEEP CLASSROOMS, AND FLOOR PLANS TOTALLY UNRELATED TO ONE ANOTHER, NECESSITATING ILLOGICAL AND EXPENSIVE CONSTRUCTION.

THE THREE PRIZES WERE WON BY PUPILS FROM PRINCETON UNIVERSITY, - WHOSE PROBLEMS SHOWED ONLY TWO ELEVATORS. THE JURY FELT THAT AT LEAST THREE ELEVATORS, AND PROBABLY FOUR, WOULD BE PREFERABLE.

THE FIRST PRIZE AND A FIRST MEDAL WERE AWARDED TO C.E. STADE, WHOSE SIMPLE SOLUTION EMBODIED ALL BUT TWO OF THE QUALITIES LISTED ABOVE. SOME OF THE JURY WOULD HAVE PREFERRED STRAIGHT WALLS TO THE SINUOUS CURVES WHICH, WHILE EFFECTIVE IN ELEVATION, WOULD BE DIFFICULT AND EXPENSIVE TO CONSTRUCT. THE AUDITORIUM IS ENTERED AT STREET LEVEL, WITHOUT ANY STEPS; THE LECTURE ROOM ABOVE IS PROPERLY RELATED TO THE CLASSROOMS; AND THE TYPICAL FLOOR PLAN IS ADMIRABLE. THE PRESENTATION WAS CLEAN, METICULOUS, AND PLEASING. BUT THE BLANK WALL ON THE IMPORTANT STREET FRONT LOOKS LIKE A PARTY WALL, READY TO RECEIVE A FUTURE CORNER BUILDING.

THE SECOND PRIZE AND A FIRST MEDAL WERE WON BY W. D. WILSON. HE HAS AN INTERESTING BUT MORE COMPLICATED PLAN, COMBINING THE LECTURE HALL AND AUDITORIUM ON THE GROUND FLOOR, WITH A COMMON STAGE - INCONVENIENT IF THE LECTURE HALL IS PRIMARILY FOR STUDENT USE, BUT MAKING THE COMBINED CAPACITY AVAILABLE FOR SPECIAL OCCASIONS. THE PUBLIC ENTRANCE TO THE AUDITORIUM IS WELL ARRANGED. MR. WILSON EXPRESSED HIS AUDITORIUM WELL IN ELEVATION, BUT BY SO DOING PENALIZED HIMSELF BY REDUCING THE CLASSROOM AREA ON THE NORTH. THE FIRST PRIZE WINNER MADE BETTER USE OF NORTH LIGHT. THE ELEVATION EXPRESSES THE CORNER LOT, AND THE PRESENTATION IS EXCELLENT.

THE THIRD PRIZE AND A SECOND MEDAL WENT TO J.K.SINCLAIR. HIS ASSYMETRICAL AUDITORIUM IS DOWN A FEW STEPS BELOW GRADE. HIS TYPICAL FLOOR PLAN IS EXCELLENT, WITH NORTHERN EXPOSURE FOR ALL CLASSROOMS. HIS SIMPLE ELEVATION TURNS THE CORNER WELL, AND ONLY THE LECTURE HALL IS CARRIED OVER THE AUDITORIUM.

A SECOND MEDAL WAS GIVEN TO R.SCHUMACHER, JR. OF THE UNIVERSITY OF ILLINOIS. HIS LONG NARROW AUDITORIUM IS BETTER ADAPTED TO MOTION PICTURES THAN FASHION SHOWS. HIS NORTH ELEVATION IS GOOD; BUT THE EAST ELEVATION IS A BLANK WALL, WITH ONE SMALL HOLE IN IT.

C. B. CURRY, OF GEORGIA SCHOOL OF TECHNOLOGY, SECOND MEDAL, HAS AN EXCELLENT GROUND FLOOR PLAN AND AN INGENIOUS CANTILEVERED SECTION. BUT HIS DEEP BASEMENT AUDITORIUM IS APPROACHED BY A FORBIDDING STAIRCASE; AND MANY OF HIS CLASSROOMS FACE SOUTH.

R.L.HUEHOLT, UNIVERSITY OF ILLINOIS, SECOND MEDAL: SHOWS AN INTERESTING RAMP LEADING TO THE MEZZANINE MUSEUM, A PLEASANT TERRACE OFF THE LIBRARY, AND A GOOD SECTION. BUT GOOD FRONTAGE ON THE AVENUE IS SACRIFICED TO ADMINISTRATIVE OFFICES ON THE GROUND FLOOR.

ONE OF THE MOST STRIKING OF ALL THE ELEVATIONS WAS THAT PRESENTED BY L.E.REIF, UNIVERSITY OF PENNSYLVANIA, BUT THE LAMENTABLE ENTRANCE TO THE AUDITORIUM AND THE DEVIOUS FIRST FLOOR PLAN PREVENTED A HIGHER AWARD THAN A MENTION. IN THIS DESIGN FOUR ELEVATORS WERE PROVIDED.

SUMMARY OF AWARDS:

2	FIRST MEDAL	37	MENTION
4	SECOND MEDAL	44	NO AWARD
87		TOTAL SUBMITTED	

CATHOLIC UNIVERSITY OF AMERICA: MENTION- J.COUGHLIN, E.JETTMAR.
GEORGIA SCHOOL OF TECHNOLOGY: SECOND MEDAL- C.B.CURRY. MENTION- H.W.AIKEN, A.P.MCINTOSH.
PRINCETON UNIVERSITY: FIRST MEDAL- C.E.STADE, FIRST PRIZE; W.D.WILSON, SECOND PRIZE; SECOND MEDAL- J.K.SINCLAIR, THIRD PRIZE.
MENTION- G.H.BAIL, W.O.BURWELL, R.M.HOOD, R.M.REISACHER.
UNIVERSITY OF ILLINOIS: SECOND MEDAL- R.L.HUEHOLT, R.SCHUMACHER.
MENTION- F.A.AKSEL, R.N.AWSUMB, J.E.BARTHEL, J.P.BRAVEMAN, G.M.CLARK,

UNIVERSITY OF ILLINOIS: MENTION- R.J.DRAYTON, P.H.GRAVEN, G.W.GUNN,
M.A.M.IBRAHIM, W.H.ISLEY, F.L.KELSEY, P.KOENIG, W.H.LANE,
E.J.ROMIENIEC, S.SALZMAN, W.B.SAYRE, R.D.VODICKA.

UNIVERSITY OF PENNSYLVANIA: MENTION- E.BETHLAHMY, W.H.BLUM, E.L.CRAWFORD,
C.CRYSTALLIDIS, H.R.FOX, B.HERSH, H.H.JUSTER, M.J.MARSILII,
L.E.REIF, M.M.ROSS, P.M.STARK, L.J.WARNER.

INDEX OF PHOTOSTATS

CLASS A PROBLEM IV - A SCHOOL FOR FASHION DESIGN
THE TRAPHAGEN PRIZE - JUNE 17, 1947

92.	C.E.STADE, PRINCETON UNIVERSITY	FIRST MEDAL, FIRST PRIZE
93.	W.D.WILSON, PRINCETON UNIVERSITY	FIRST MEDAL, SECOND PRIZE
94.	J.K.SINCLAIR, PRINCETON UNIVERSITY	SECOND MEDAL, THIRD PRIZE
95.	R.SCHUMACHER, JR., UNIVERSITY OF ILLINOIS	SECOND MEDAL
96.	C.B.CURRY, GEORGIA SCHOOL OF TECHNOLOGY	SECOND MEDAL
97.	R.L.HUEHOLT, UNIVERSITY OF ILLINOIS	SECOND MEDAL

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REMITTANCE MUST ACCOMPANY ORDER.

THE SECRETARY OF AGRICULTURE
WASHINGTON, D.C. 20250
MAY 15 1964
TO THE DIRECTOR OF THE BUREAU OF AGRICULTURAL MECHANIZATION AND ELECTRIFICATION
FROM THE SECRETARY OF AGRICULTURE
SUBJECT: BUREAU OF AGRICULTURAL MECHANIZATION AND ELECTRIFICATION
RE: BUREAU OF AGRICULTURAL MECHANIZATION AND ELECTRIFICATION

MEMORANDUM FOR THE SECRETARY

DATE: MAY 15, 1964
TO: THE SECRETARY OF AGRICULTURE

1. The Bureau of Agricultural Mechanization and Electrification (BAME) is a part of the Department of Agriculture.
2. The BAME is responsible for the development and promotion of agricultural machinery and electrical equipment.
3. The BAME is also responsible for the research and development of new agricultural machinery and electrical equipment.
4. The BAME is also responsible for the testing and evaluation of agricultural machinery and electrical equipment.
5. The BAME is also responsible for the dissemination of information on agricultural machinery and electrical equipment.
6. The BAME is also responsible for the training of personnel in the use of agricultural machinery and electrical equipment.

Very truly yours,
[Signature]
[Name]
[Title]

CLASS B PROBLEM IV - KAWNEER PRIZE
A PASTEURIZING PLANT

AUTHOR - HARVEY P. CLARKSON, NEW YORK, N.Y.

JURY OF AWARD - JUNE 17, 1947

HARVEY P. CLARKSON
ROBERT COOLIDGE
ALEXANDER KOUZMANOFF
HERBERT MAGOON
CHARLES LEE NUTT
ROBERT B. O'CONNOR
R. MILTON PORTEOUS

ARTHUR RIGOLO
HUGH N. ROMNEY
MAURICE R. SALO
MILTON SHERMAN
EDWARD I. SHIRE
RICHARD BORING SNOW

JEDD S. REISNER
MAURICE D. SORNIK
DANIEL D. STREETER
MAX O. URBahn
JULIAN VONDER LANCKEN
ROLAND WANK
LUCIUS R. WHITE

PARTICIPANTS:

ARCHITECTURAL CLUB OF PALO ALTO, CALIF.
CATHOLIC UNIVERSITY OF AMERICA
GEORGIA SCHOOL OF TECHNOLOGY
KANSAS STATE COLLEGE, MANHATTAN
OKLAHOMA AGRIC. & MECH. COLLEGE
PENNSYLVANIA STATE COLLEGE
PRINCETON UNIVERSITY
RICE INSTITUTE, HOUSTON

T SQUARE CLUB OF PHILADELPHIA
UNIVERSITY OF ILLINOIS
UNIVERSITY OF NOTRE DAME
UNIVERSITY OF OKLAHOMA
UNIVERSITY OF PENNSYLVANIA
WESTERN RESERVE UNIVERSITY, CLEVE.
UNAFFILIATED:
BIRMINGHAM, ALA.

REPORT OF THE JURY - By RICHARD BORING SNOW

IN THE JUDGING OF ALMOST EVERY PROJECT A DOMINANT IDEA EMERGES AS THE JURY WORKS OVER THE DRAWINGS, WHICH GROWS IN IMPORTANCE AS THE SOLUTIONS TO THE PROBLEM ARE EVALUATED, UNTIL IT IS CLEAR THAT NO DRAWING WHICH DOES NOT EMBODY AND CLEARLY EXPRESS THIS IDEA CAN BE GIVEN THE HIGHEST AWARD, HOWEVER SUCCESSFULLY OTHER TECHNICAL AND AESTHETIC ASPECTS OF THE PROBLEM MAY BE HANDLED. SOMETIMES THIS IDEA IS CLEARLY STATED IN THE PROGRAM, SOMETIMES IT IS ONLY INHERENT IN IT BUT IT ALWAYS EMERGES AS A CONTROLLING FACTOR.

IN THE CASE OF THE PASTEURIZING PLANT THE QUALIFICATION WHICH THE JURY CAME TO REGARD AS FUNDAMENTAL, OVER AND ABOVE A SATISFACTORY FUNCTIONING OF THE BUILDING FROM THE PROCESSING STANDPOINT WAS THE IMPORTANCE TO THE OWNER OF THE DISPLAY AND PUBLICITY VALUE TO BE GAINED BY LOCATING HIS PROCESSING ROOM AND HIS RETAIL SALES FACILITIES IN PLAIN VIEW OF PASSERS-BY. THEY ALSO CONSIDERED IT ADVANTAGEOUS TO HAVE THE PROCESSING VISIBLE FROM AS MANY POINTS INSIDE THE BUILDING AS POSSIBLE. THIS IS A VERY SIMPLE, BASIC IDEA AND WAS VERY FAIRLY STATED IN THE PROGRAM, YET A SUBSTANTIAL NUMBER OF OTHERWISE EXCELLENT DRAWINGS FAILED TO RECEIVE A HIGH AWARD BECAUSE IT WAS DISREGARDED.

IN ADDITION TO A CAREFUL CONSIDERATION OF THE ARRANGEMENT OF THE VARIOUS PRODUCTION FACILITIES, THE JURY EXAMINED EACH DRAWING FOR THE FOLLOWING:

TRUCKING FACILITIES, PARTICULARLY THE NON-INTERFERENCE OF FARMERS' TRUCKS WITH COMPANY TRUCKS AND FREE CIRCULATION OF EACH.

GARAGE FACILITIES. THE JURY CONSIDERED A LARGE COVERED GARAGE AREA ACCEPTABLE (IF EASY CIRCULATION THROUGH IT COULD BE MAINTAINED) BUT NOT PARTICULARLY DESIRABLE, AND IT WILL BE NOTICED THAT SOME OF THE MOST SUCCESSFUL PROJECTS HAD THE GARAGE ENTIRELY DETACHED FROM THE PLANT.

LECTURE HALL AND OBSERVATION FACILITIES WITHIN THE BUILDING. THE CLOSER THE LECTURE HALL TO THE PROCESSING ROOM, THE BETTER.

ADMINISTRATION OFFICES. AS MAY BE SEEN FROM THE PRIZE WINNING DESIGN, FIRST FLOOR AND SECOND FLOOR LOCATIONS WERE BOTH CONSIDERED ACCEPTABLE.

THE FIRST KAWNEER PRIZE WENT TO G. SCHWAB, UNIVERSITY OF PENNSYLVANIA, FOR HIS EXTREMELY OPEN, PRACTICAL BUILDING IN WHICH THE UTMOST ADVANTAGE OF THE DISPLAY VALUE OF BOTH PROCESSING AND RETAIL BAR WAS REALIZED. THE INGENIOUS CONVEYOR BY MEANS OF WHICH CAPPED BOTTLES PASS DIRECTLY UNDER THE NOSES OF DELIGHTED CUSTOMERS WAS FAVORABLY NOTED BY THE JURORS.

THE SECOND KAWNEER PRIZE WAS AWARDED TO M.R.ARMES, PENNSYLVANIA STATE COLLEGE, IN RECOGNITION OF A STUDY IN INTIMATE, ALMOST RURAL CHARACTER. NOT THAT THE PROBLEM WAS NOT TECHNICALLY WELL SOLVED; THE PLOT PLAN AND LOADING FACILITIES WERE EXCELLENT. BUT THE JURY WAS VERY PLEASANTLY IMPRESSED WITH THE CONSERVATIVE GOOD TASTE, THE NOD TO TRADITIONAL, LOCAL MATERIALS, AND THE RESTRAINT DISPLAYED BY THIS DESIGNER. THE INVITATION TO PASSERS-BY IN THIS CASE WAS FELT TO BE ACHIEVED NOT SO MUCH BY COMPLETE OPENNESS OF THE PROCESSING ROOM AS BY THE GENERAL ATTRACTIVENESS AND SUITABILITY OF THE BUILDING.

THE THIRD AND FOURTH PRIZES WERE AWARDED TO A.L.KARL AND M. WHITE BOTH OF THE UNIVERSITY OF ILLINOIS, FOR WELL HANDLED SOLUTIONS ALMOST STRIDENTLY REplete WITH DISPLAY VALUE. MISS WHITE'S ARRANGEMENT OF THE OFFICES ON THE FIRST FLOOR WAS INTERESTING AND THE AUDITORIUM WAS PERHAPS THE BEST LOCATED OF ANY.

E.D.LENKER, PENNSYLVANIA STATE COLLEGE, FIRST MENTION PLACED, SUBMITTED A VERY STRONG SIMPLE BUILDING, A LITTLE LACKING IN CHARM BUT VERY WELL INTEGRATED. THE JURY WELCOMED THE TERRACE WITH TABLES AS A PLEASANT IDEA.

THE JURY STUDIED VERY CAREFULLY THE DRAWING OF C.C.DAVIS, JR., UNIVERSITY OF ILLINOIS, WHICH FAILED TO RECEIVE A PRIZE ONLY BECAUSE THEY FELT A CERTAIN CONGESTION AND LACK OF CLARITY AT THE DELIVERY POINT. IN CHARACTER AND DELINEATION IT WAS ONE OF THE MOST DELIGHTFUL PROJECTS SUBMITTED.

A.D.FREED, UNIVERSITY OF ILLINOIS, FIRST MENTION PLACED, TURNED IN A FINE, UNDERSTANDABLE, WELL DESIGNED BUILDING, BUT IT WAS CONSIDERED VERY RESTRICTED AT THE IMPORTANT DELIVERY POINT.

D.E.BOONE, UNIVERSITY OF ILLINOIS, FIRST MENTION, OFFERED PERHAPS A LITTLE TOO MUCH PORK FOR A SHILLING. IN ADDITION TO MAGNIFICENT DISPLAY OF BOTH THE PROCESSING ROOM AND THE RETAIL SALES AREA HE FEATURED A STAIRWAY WHICH WOULD DIGNIFY A UNITED NATIONS CENTER, AND THE JURY FELT IT TO BE SOMEWHAT EXCESSIVE FOR A HIGHWAY PASTEURIZATION PLANT.

IN GENERAL THIS EXCELLENT PROGRAM ELICITED A VERY FINE PERFORMANCE FROM THE STUDENTS FOR THE KAWNEER PRIZE.

SUMMARY OF AWARDS:

7 FIRST MENTION PLACED	9 FIRST MENTION	65 MENTION
	98 NO AWARD	179 TOTAL SUBMITTED

GEORGIA SCHOOL OF TECHNOLOGY: MENTION- A.R.SMITH.

OKLAHOMA AGRIC. & MECH. COLLEGE: MENTION- C.WILLIAMS.

PENNSYLVANIA STATE COLLEGE: FIRST MENTION PLACED- M.R.ARMES, SECOND PRIZE;
E.D.LENKER. FIRST MENTION- J.R.DIEHL. MENTION- R.S.ARONSON, S.M.COHEN,
H.J.ASHBAUGH, H.B.GATES, JR., J.H.KRING, A.LILIEN, B.G.TYSINGER,
P.A.WATERMAN.

PRINCETON UNIVERSITY: MENTION- D.E.CHAPMAN, F.C.MCNULTY, W.C.WACHS.

RICE INSTITUTE: MENTION- BLANTON.

T SQUARE CLUB OF PHILA.: MENTION- R.LEVIN, R.A.SCHAEFFER.

UNIVERSITY OF ILLINOIS: FIRST MENTION PLACED- A.L.KARL, THIRD PRIZE,
M. WHITE, FOURTH PRIZE, C.C.DAVIS, JR., A.FREED, FIRST MENTION- D.E.
BOONE, A.M.HALPIN, R.HIRSCH, T.H.LANDISE, E.A.MEYER, C.C.MINOR,
D.SCHLICKAN, G.A.SIEGWART. MENTION- M.J.BAUCOM, R.P.BRADLEY, R.A.COOKE
M.DARMSTADT, W.E.DYE, E.G.FIFLES, E.FOLGER, W.GALLUZZI, A.A.GRAHAM,
N.F.GREWE, N.O.HAMMON, R.A.HOOVER, A.IGNATIUS, C.T.JACKSON,
J.R.JACOBS, H.W.KEMP, D.H.KNODLE, E.R.NORMAN, R.D.PEPPLES, D.RUCKER,
A.D.RUDOLPH, R.J.SHERBURNE, M.A.SIELAFF, R.E.SPENCER, L.S.SPRINGER,
W.TAMMINGA, T.F.TAYLOR, R.K.VANCE, E.L.VERKLER, J.P.WILLIS.

UNIVERSITY OF NOTRE DAME: MENTION- J.J.KRESS.

UNIVERSITY OF OKLAHOMA: MENTION- D.M.DANIEL, B.C.HOLDERNESS, G.W.QUALLS.

UNIVERSITY OF PENNSYLVANIA: FIRST MENTION PLACED- G.V.SCHWAB, FIRST PRIZE.
MENTION- I.C.BACHMAN, J.H.BARDES, S.L.BINDER, L.DEMOLL, W.C.MILLER,
R.E.LAMBORGHINI, H.M.LIPPINCOTT, E.B.MITCHELL, B.POLIS, H.STRICKLER
T.G.WEATHERWAX, T.G.WILLIAMS.

WESTERN RESERVE UNIVERSITY, CLEVELAND: MENTION- R.P.MADISON, J.B.NILGES,
R.P.STORY, D.S.WOODARD.

INDEX OF PHOTOSTATS

CLASS B PROBLEM IV - A PASTEURIZING PLANT
KAWNEER PRIZE - JUNE 17, 1947

98.	G.SCHWAB, UNIVERSITY OF PENNSYLVANIA	1ST PRIZE, FIRST MENTION PLACED
99.	M.E.ARMES, PENNSYLVANIA STATE COLLEGE	2ND PRIZE, FIRST MENTION PLACED
100.	A.L.KARL, UNIVERSITY OF ILLINOIS	3RD PRIZE, FIRST MENTION PLACED
101.	M. WHITE, UNIVERSITY OF ILLINOIS	4TH PRIZE, FIRST MENTION PLACED
102.	A.D.FREED, UNIVERSITY OF ILLINOIS	FIRST MENTION PLACED
103.	E.D.LENKER, PENNSYLVANIA STATE COLLEGE,	FIRST MENTION PLACED
104.	C.C.DAVIS, UNIVERSITY OF ILLINOIS	FIRST MENTION PLACED

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10 CENTS. REMITTANCE MUST ACCOMPANY ORDER.

BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any

Five Consecutive Weeks between —March 10, 1947—May 26, 1947

Judgment will be held on or about —June 9, 1947

CLASS C PROBLEM IV—A SMALL OUTDOOR THEATRE

Author — Robert Law Weed, Miami, Florida

Mr. Weed studied architectural design and engineering at Carnegie Institute of Technology. He traveled and studied architecture in France, Spain and Italy and gained practical experience under Richard Kiehmel, F.A.I.A. of Pittsburgh and Miami. Mr. Weed is a member of the A.I.A., the Florida Association of Architects. He holds the Medaille de Verdun and the Croix de Guerre citations from World War One, and Bronze Star and the Presidential Citation in recognition of his services in World War Two, during which he served in the Air Transport Command of the Army Air Forces in headquarters in Washington, D. C., and in India, China, Burma, and South America and the Pacific Coast, in charge of air installations, supervising design and construction of airports and airport facilities for transport operations. He has been in private practice since 1922, and reopened his office in Miami in November, 1945. A theatre for Miami Beach designed by his organization was chosen the outstanding theatre of more than 1100 cities to be constructed in the United States and Canada, in 1941. Mr. Weed's practice has been extensive including residential, commercial and educational building projects.

A small college town has received a bequest to cover the cost of building a small outdoor theatre for the use of the student theatrical department and an amateur theatrical group among the townspeople for theatre productions, orchestral, choral and other concerts, school graduations, etc. The site selected is the edge of a small lake in a city park well-known for its great natural beauty. Every effort should be made to keep intact the natural surroundings and construction should be simple and direct.

The site is the north bank of the lake and is bounded on the north by a main park road from the town 500 feet from and paralleling the lake shore. East and west along the lake as much land as is necessary is available but desire to preserve the fine trees should dictate economy in its use. The breeze in summer is from the south. From the road the land slopes gently to the lake.

Requirements:

1. Seating for 750 people.

2. Type of stage and the arrangements for changing scenery are left to the designer. Provision must be made for two dressing rooms, 70 sq. ft. each and four dressing rooms, each about 200 sq. ft., and about 600 sq. ft. for storage of props, scene painting and carpenter shop.

3. Toilets for the public and toilets for the performers.

4. Parking for 300 automobiles.

REQUIRED DRAWINGS: (Sheet size 22" x 30")

Plan of the site at scale of 1/16" equals 1'0" showing theatre, its relation to the main approach and parking areas, and as much of the parking and surrounding land as required to explain the scheme.

Aerial perspective of theatre looking toward the stage, as large as possible. The entire theatre is to be shown but not necessarily the parking.

Section through seating and stage at the scale of 1/16" equals 1'0".

Presentation and rendering is at the discretion of the designer.

NOTE: A record of the dates selected for this problem by each supervisor and school must be forwarded to the Beaux-Arts Institute of Design as soon as determined.

The text of all programs must be kept confidential before they are issued.

Final drawings shall have a half inch unrendered border on all sides.

Drawings will be eliminated from the judgment for infringements of the following:

- (a) Violation of requirements, or failure to pay the registration fee.
- (b) Indefinite, illegible or insufficient indication of the solution of the problem in the final drawing.
- (c) Omission or variation from the fixed requirements of the program.
- (d) Failure to indicate the identifying elements as may be called for in any program.

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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Judgment will be held on or about—June 9, 1947
Five Consecutive Weeks between—March 10, 1947—May 26, 1947
Program issued and completed in any

CLASS C PROBLEM IV—A SMALL OUTDOOR THEATRE

Author—Robert Law Weed, Miami, Florida

Mr. Weed studied architectural design and engineering at Carnegie Institute of Technology. He traveled and studied architecture in France, Spain and Italy and gained practical experience under Richard Kiesel, F.A.I.A., of Pittsburgh and Miami. Mr. Weed is a member of the A.I.A., the Florida Association of Architects. He holds the Medaille de Veun and the Croix de Guerre citations from World War One, and Bronze Star and the Presidential Citation in recognition of his services in World War Two, during which he served in the Air Transport Command of the Army Air Forces in headquarters in Washington, D. C., and in India, China, Burma and South America and the Pacific Coast in charge of the installation, supervision, design and construction of airports and transport facilities for transport operations. He has been in private practice since 1922, and reopened his office in Miami in November, 1945. A theatre for Miami Beach designed by his organization was chosen the outstanding theatre of more than 100 cities to be constructed in the United States and Canada, in 1941. Mr. Weed's practice has been extensive including residential, commercial and educational building projects.

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Aerial perspective of theatre looking toward the stage, as large as possible. The entire theatre is to be shown but not necessarily the parking.

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A small college town has received a request to cover the cost of building a small outdoor theatre for the use of the student theatrical department and an amateur theatrical group among the townspeople for theatre productions, orchestral, choral and other concerts, school graduations, etc. The site selected is the edge of a small lake in a city park well known for its great natural beauty. Every effort should be made to keep intact the natural surrounding and construction should be simple and direct.

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CLASS C PROBLEM IV
A SMALL OUTDOOR THEATRE

AUTHOR - ROBERT LAW WEED, MIAMI, FLORIDA

JURY OF AWARD - JUNE 19, 1947

E. JAMES GAMBARO	FRED HUFSCMIT	ZAREN SOURIAN
HARRY GNERRE	ROBERT K. POSEY	HAROLD TATTON
GEORGE T. LIGHT	CHARLES RIEGER	RICHARD BANKS THOMAS
ELECTUS D. LITCHFIELD	JEDD S. REISNER	JOHN A. THOMPSON
ROBERT D. MACKINNON	J. J. ROBERTO	WM. VANALEN
YUSUF MEER	CHARLES F. SCHILLINGER	LOUIS A. WALSH
ADOLPH MARTIN	ESMOND SHAW	H.S. WATERBURY
AUGUSTE L. NOEL	ELDRIDGE SNYDER	MRS. FLORA A. WHITING
FRANCIS A. NELSON	BEN SCHLANGER	

PARTICIPANTS:

ARCHITECTURAL CLUB OF PALO ALTO, CAL.	T SQUARE CLUB OF PHILADELPHIA
DAPRATO ATELIER, CHICAGO	UNIVERSITY OF ILLINOIS
ATELIER ESCHWEILER, MILWAUKEE	UNIVERSITY OF NOTRE DAME
GEORGIA SCHOOL OF TECHNOLOGY	UNIVERSITY OF OKLAHOMA
OKLAHOMA AGRICULTURAL & MECH. COLLEGE	UNIVERSITY OF PENNSYLVANIA
RICE INSTITUTE, HOUSTON	WESTERN RESERVE UNIV., CLEVELAND
	UNAFFILIATED; BIRMINGHAM, ALA.

REPORT OF THE JURY - BY BEN SCHLANGER

THE JURY FELT THAT THE PROBLEM SHOULD INDICATE THE INFORMAL OUTDOOR CHARACTER RATHER THAN THE INDOOR FEELING WHICH SO MANY OF THE PROBLEMS DEVELOPED. ALTHOUGH THE COMPLETE OPENNESS FROM THE AUDIENCE PORTION WITH A VISTA TO THE WATER BEYOND AS INDICATED IN THE PLACED DRAWINGS WAS WELL RECEIVED, THE JURY FELT THAT A CLOSED BACKGROUND AT THE STAGE COULD HAVE BEEN DEVELOPED SUCCESSFULLY. THE PLACING OF THE DRESSING ROOMS AND THE SCENE STORAGE SPACE TO ONE SIDE OF THE STAGE WAS PREFERRED. THE SPLIT UP OF THESE ARRANGEMENTS ON EITHER SIDE OF THE STAGE WAS CRITICIZED AS BEING LESS EFFICIENT. A LARGE OPEN AREA SHIELDED FROM THE AUDIENCE AND CLOSE TO THE SERVICE SIDE OF THE STAGE TO BE USED AS A PREPARATION AREA FOR PAGEANTRY AND SCHOOL FUNCTIONS WAS CONSIDERED DESIRABLE.

THE AUDIENCE AREA SHAPE WITH THE VIEWERS AS CLOSE TO THE PERFORMANCE AS POSSIBLE WAS PREFERRED AND, THEREFORE, THE SEATING SHAPE WHICH WAS GREATER IN DEPTH THAN IN WIDTH PLACED THE REAR PART OF THE AUDIENCE TOO FAR FROM THE STAGE. THE PLACING OF DRESSING ROOMS AT A LEVEL BELOW OR ABOVE THE STAGE WAS CRITICIZED SINCE SPACE CONSIDERATIONS WERE NOT A LIMITATION.

THE JURY WAS DISTURBED WITH THE SIMILARITY OF THE RENDERINGS OF THE PLACED DRAWINGS AND ONLY AFTER CONSIDERABLE DELIBERATION TOOK A LENIENT

ATTITUDE TO WHAT THEY CONSIDERED AN UNFAIR PRACTICE AND HOPED THAT THEY WOULD NOT SEE A REPETITION OF THE INFLUENCE OF A SINGLE HAND IN THIS MANNER IN FUTURE JUDGMENTS.

R. H. JOHNSON, OKLAHOMA AGRIC. & MECH. COLLEGE, FIRST MENTION PLACED: SHOWED THE INTIMATE AND OPEN-AIR CHARACTER NEEDED FOR THIS PROBLEM AND THE SHAPE OF HIS AUDIENCE AREA WAS GOOD. L. Y. SHUMATE, OKLAHOMA AGRIC. & MECH. COLLEGE, FIRST MENTION PLACED: LOCATED THE DRESSING UNIT IN A CAREFULLY SECLUDED ARRANGEMENT TO ONE SIDE OF THE STAGE AND ALSO SHOWED A DELIGHTFUL BLENDING WITH THE OUTDOORS IN ITS TREATMENT. J.O.MARSHALL AND A. M. MATTHEWS BOTH OF OKLAHOMA AGRIC. & MECH. COLLEGE, WERE MOST SUCCESSFUL IN OBTAINING A COMPLETE OUTDOOR CHARACTER IN THEIR TREATMENT.

SUMMARY OF AWARDS:

4 FIRST MENTION PLACED	7 FIRST MENTION	215 NO AWARD
	114 MENTION	340 TOTAL SUBMITTED

DAPRATO ATELIER, CHICAGO: MENTION- L.J.ADAMI, L.L.PETTA.

GEORGIA SCHOOL OF TECHNOLOGY: MENTION- J.Y.BRUCE, W.O.FULMER, R.M.MCKENZIE, A.M.RAYFIELD.

OKLAHOMA AGRIC. & MECH. COLLEGE: FIRST MENTION PLACED- R.H.JOHNSON, A.M.MATTHEWS, L.Y.SHUMATE. FIRST MENTION- C.D.CHAPMAN, R.V.HENDRICKS, A.H.SAYLOR, MENTION- B.A.BATES, J.E.BIGNELL, W.L.KING, H.C.MAPLES, L.MURRAY, G.H.TSCHIEMER.

RICE INSTITUTE: MENTION- W.L.PILCHER.

T SQUARE CLUB OF PHILADELPHIA: MENTION- R.NEALY.

UNIVERSITY OF ILLINOIS: FIRST MENTION- F.R.BATES, P.LLARENA, J.WOOD
MENTION- M.B.AFFRIME, R.K.ALBYN, R.S.ALLAN, C.L.AMACHER, R.J.ANDERSON,
G.W.ANDERSON, A.G.ANDERSON, R.APPLIGATE, C.E.ASBURY, H.H.BERG,
J.BLACKMAN, W.E.BODEN, J.W.BODERMAN, R.E.BOLE, E.J.CASEY, G.B.COX,
L.C.CORDOGAN, W.E.DAVIS, D.A.DAVIS, R.K.DELAP, J.R.DESHAYES,
S.DULGEROFF, K.F.EINHORN, R.FRIEDMAN, E.FLANAGAN, R.H.GILBERT,
R.GRAHAM, A.GOULD, M.HARTMAN, G.M.HAVLIK, O.L.HERRICK, Q.N.HOFMAN,
F.E.JOLLY, J.J.JORDAN, C.N.JOHNSON, I.JOSEPH, D.J.KATZ, H.KAISER,
O.KLEB, J.KLUND, G.KICONAS, W.R.KING, L.L.LAWRENCE, JR., M.LEVINE,
K.J.LOHRMAN, C.J.MARSHALL, D.S.MURRAY, R.A.NELSON, P.A.NELSON,
N.A.NELSON, P.J.NITTO, N.L.RAAB, J.G.REPLINGER, G.W.REIHMER,
H.L.RICE, J.W.ROCK, L.M.RUSSELL, E.H.RYDBECK, A.G.SEDER,
R.J.SCHAEFER, J.C.SHEPARD, F.D.SHELLABARGER, R.J.SIDLO, L.STRASSLER,
W.J.TILLMAN, J.E.TIGER, W.H.VOLKMANN, J.J.WAVERING, J.WIERSEMA,
N.ZARET, S.ZYWOTOW.

UNIVERSITY OF NOTRE DAME: MENTION- C.DODGE, P.M.O'MEARA, D.L.RIGONI,
L.J.SAVINETTI.

UNIVERSITY OF OKLAHOMA: MENTION- P.C.NICEK.

UNIVERSITY OF PENNSYLVANIA: MENTION- H.P.BARNES, J.L.BURKE, S.D.CHAMBERLAIN
R.M.CHAPPELLE, E.C.COOPER, R.W.FREY, L.M.GETTLIN, R.A.KALIX,
D.O.MACFARLANE, J.M.MCELWEE, C.W.MILLER, D.H.NAUTA, G.B.NOTMAN,
D.PEARSON, R.O.RACE, D.B.RATCLIFFE, R.J.RIPPEL, J.W.ROTH;
E.SALTZMAN, F.B.SPIEZE, T.J.STOHLMAN, J.N.TRIBBIE.

THEY ARE TO BE CONSIDERED AS PARTS OF THE BUILDING AND NOT AS SEPARATE STRUCTURES.

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WESTERN RESERVE UNIVERSITY, CLEVELAND: FIRST MENTION- W.F.STROUGH.
MENTION- H.GILBERT, R.WILLIAMS.

INDEX OF PHOTOSTATS

CLASS C PROBLEM IV - A SMALL OUTDOOR THEATRE
JUNE 19, 1947

- | | | | |
|------|---------------|---------------------------------|--------------------|
| 105. | J.O.MARSHALL, | OKLAHOMA AGRIC. & MECH. COLLEGE | 1ST MENTION PLACED |
| 106. | R.H.JOHNSON, | OKLAHOMA AGRIC. & MECH. COLLEGE | 1ST MENTION PLACED |
| 107. | L.Y.SHUMATE, | OKLAHOMA AGRIC. & MECH. COLLEGE | 1ST MENTION PLACED |
| 108. | A.M.MATTHEWS, | OKLAHOMA AGRIC. & MECH. COLLEGE | 1ST MENTION PLACED |

POSITIVE PHOTOSTATS MAY BE OBTAINED FOR 25 CENTS EACH.
A COPY OF THE REPORT MAY BE HAD FOR 10 CENTS.
REMITTANCE MUST ACCOMPANY ORDER.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

PLANT INDUSTRY DIVISION
WASHINGTON, D. C.

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PLANT INDUSTRY DIVISION - A SMALL OUTDOOR THEATRE

June 19, 1947

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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any

Five Consecutive Weeks between —May 5, 1947—July 14, 1947

Judgment will be held on or about—July 28, 1947

CLASS C PROBLEM V—A ROADSIDE DISPLAY STAND

Author—William J. Creighton, Atlanta, Ga.

Mr. Creighton born in Los Angeles, completed his studies in architecture at the University of Pennsylvania obtaining both his B.S. and his Master's degrees from the University. He served in First World War as Army Pilot, First Lieutenant R.M.A. He worked in the offices of the Olmstead Brothers, Landscape Architects, Brookline, Mass.; Hewitt & Brown, Minneapolis; Welles Bosworth, New York; McKim, Mead & White, New York. He was in partnership in the firm LeFarge, Clark & Creighton 1927-30, and in private practice 1930-45. During the Second World War, Mr. Creighton served as designer engineer for Caribbean Architects-Engineers; Gulf Ordnance Plant, Aberdeen, Miss.; Artificial Rubber Plants, Baton Rouge, La.; Pan-American Airways, Airport Development Program for South and Central America. In 1946 he formed a partnership with Henry J. Toombs in Atlanta, Georgia under the name of Toombs and Creighton, Architects. He is a member of the A.I.A. and Vice President of the Georgia Chapter, and a member of the B.A.I.D.

Pottery is often a family occupation handed down from father to son, the latter gaining experience during his younger years as assistant to the former. Thus he learns the closely guarded tricks of the trade.

In the present instance, a potter and his two sons have gained a reputation for the beauty of form and color as well as the durability of their products. The local farmers have for years depended on them for such items as pickle jars, milk crocks and such utilitarian items. However, automobilists have, in increasing numbers, been stopping to purchase other articles, flower pots, large garden vases, bird baths, and even such small items as table ornaments.

They have begun to prosper and their present workshop seems inappropriate for their new clientele. Since the customers tend to interrupt work in process, it has been decided to preserve the old shop solely for manufacturing and to erect a display and sales stand convenient to the roadway. 500 square feet of enclosed space will adequately provide for a salesroom, appropriate and convenient means of display of both large and small items, a desk for wrapping and cash register, store closet, a small exposed heater with smoke flue connection and/or an open fireplace, small toilet facilities for men and women.

Outside the office, attractive means of display of merchandise should be provided, this being considered sufficient advertising without any lettered sign.

Particular attention should be given the parking of

customers' cars, their entrance and egress, as no parking on roadways is permitted. Truck access is required to the workshop.

The plot, 160 feet square, is approximately level, and is located on the northwest corner of the intersection of a 60 foot paved north-south highway and a 30 foot east-west country road. The intersection is about two miles south of a city of 100,000 population and is equipped with a traffic light. Access to the property—i.e., curb cuts—can be located at will on either or both roads. There are two fine old oak trees, one in the northeast corner and the other in the center of the lot. The present workshop, a 40' x 60' frame building, with its longer dimension parallel to the highway, is at the northwest corner of the lot, 10 feet from each lot line.

The important objectives of this problem are an inviting display and facility of circulation.

REQUIRED DRAWINGS: (Sheet size 31" x 40")

Plot plan of lot, including full width of both roads and showing by dotted lines and arrows how cars from north and south may gain access to parking space. The proposed development of entire plot shall be shown. Scale 1/16" to the foot.

Plan section and two elevations of display stand at the scale of 1/4" to the foot.

Perspective showing view as seen from a car on the highway at a 100 foot distance from the nearest corner of the plot.

NOTE: A record of the dates selected for this problem by each supervisor and school must be forwarded to the Beaux-Arts Institute of Design as soon as determined.

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CLASS C PROBLEM V
A ROADSIDE DISPLAY STAND
AUTHOR - WILLIAM J. CREIGHTON, ATLANTA, GA.

JURY OF AWARD - AUGUST 5, 1947

GEORGE E. BEATTY	M. MILTON GLASS	S. J. LASUSA
CALVIN L. BEDELL	HOWARD GREENLEY	JOHN M. LIPTAK
JAMES B. BELL	PAUL BROTZ	ANTHONY NISITA
A. F. BRINCKERHOFF	JOSEPH L. HAUTMAN	THOMAS PRICE
ANDREW F. EUSTON	SIDNEY L. KATZ	WILLIAM SAMBUR
	ALEXANDER KOUZMANOFF	

SCHOOL REPRESENTATIVE: JOHN E. SWEET, UNIVERSITY OF PENNSYLVANIA

PARTICIPANTS

GEORGIA SCHOOL OF TECHNOLOGY	UNIVERSITY OF PENNSYLVANIA
OKLAHOMA AGRIC. & MECHANICAL COLLEGE	WESTERN RESERVE UNIVERSITY, CLEVELAND
T SQUARE CLUB OF PHILADELPHIA	UNAFFILIATED: BIRMINGHAM, ALA.
UNIVERSITY OF ILLINOIS	DETROIT, MICHIGAN
UNIVERSITY OF NOTRE DAME	ABILENE, TEXAS

REPORT OF THE JURY - BY M. MILTON GLASS

THE JURY FELT THAT THE MAJOR ASPECTS OF THE PROBLEM WERE THOSE OF SOLVING THE APPROACH AND DISPLAY BOTH FROM TOWN AND TOWARDS TOWN, AND THE PROVISIONS MADE FOR EASY PARKING. IN PRINCIPLE, THE JURY WAS OF THE OPINION THAT PARKING SHOULD BE GENERALLY RECOGNIZED BY APPROACHING CARS IN EITHER DIRECTION AND THAT ACCESS FOR THE CARS SHOULD BE MODERATELY EASY WITHOUT INTERFERING WITH CROSS TRAFFIC. THE JURY LOOKED FOR VISIBILITY OF BOTH THE BUILDING AND THE OUTDOOR DISPLAY FROM CARS GOING IN NORTH AS WELL AS SOUTH DIRECTIONS, SINCE THIS WAS THE PRINCIPAL HIGHWAY TO AND FROM TOWN. MANY OF THE PROBLEMS NEGLECTED THIS ASPECT AND ALSO MISUSED THE PROPERTY IN LOCATING THE DISPLAY BUILDING AND IN ARRANGING PARKING FACILITIES. A GREAT MANY OF THE PROBLEMS PLACED THE DISPLAY BUILDING FAR BACK FROM THE HIGHWAY MAKING IT DIFFICULT FOR CARS COMING FROM TOWN TO SEE IT UNTIL THEY WERE OPPOSITE IT AND BY THEN IT WOULD BE TOO LATE TO STOP. IT WAS EVIDENT THAT EXCESSIVE USE OF ARCADED EFFECTS DETRACTED FROM THE DISPLAY AND VERY OFTEN OBSCURED THE BUILDING. THE PROBLEMS THAT SHOWED ADEQUATE APPROACH TO PARKING FROM ALL DIRECTIONS RECEIVED THE BEST CONSIDERATION. THE BUILDINGS THEMSELVES, WERE, FOR THE MOST PART, NOT WELL STUDIED AND IT WAS THE OPINION OF THE JURY THAT MORE ATTENTION COULD HAVE BEEN GIVEN TO THE ARCHITECTURE.

M. MOFFITT, UNIVERSITY OF ILLINOIS - FIRST MENTION PLACED: THE PLAN IN THIS PROBLEM SATISFIES THE REQUIREMENTS OF THE PROGRAM FOR ADEQUACY OF PARKING OF CUSTOMERS' CARS AND THEIR ENTRANCE AND EGRESS. THE PROGRAM STRESSED AS IMPORTANT OBJECTIVES OF THE PROBLEM AN INVITING DISPLAY AND FACILITY OF

CIRCULATION, WHICH THIS SUBMISSION MET IN A SATISFACTORY MANNER. SOME CRITICISM WAS MADE OF THE FACT THAT THE BROAD FIREPLACE WALL FACING THE INTERSECTION TENDED TO OBSCURE SOME OF THE DISPLAY. THIS MIGHT, HOWEVER, SERVE AS AN ATTRACTIVE BACKGROUND FOR POTTERY.

S.Z.BENDER, UNIVERSITY OF PENNSYLVANIA-- FIRST MENTION PLACED: THIS SUBMISSION HAS THE SAME GENERAL PARTI AS THAT OF M.MOFFITT'S SUBMISSION, BUT FROM THE POINT OF VIEW OF VISIBILITY FROM THE HIGHWAY, IT WOULD APPEAR TO BE SLIGHTLY BETTER IN THAT THE GLASS AREA OF THE BUILDING FLANKING THE FIREPLACE IS WIDER. THE ELEVATION OF THIS BUILDING FROM THE WEST IS A LITTLE TOO RESTLESS AND MIGHT DISTRACT ATTENTION FROM THE DISPLAY.

D.M.DuBOFF, UNIVERSITY OF ILLINOIS - FIRST MENTION PLACED: IN THIS PROBLEM THE PARKING IS SATISFACTORY. HOWEVER, SOME QUESTION WAS RAISED BY THE FACT THAT CARS APPROACHING FROM TOWN WOULD SEE THE SOLID MASS OF THE FIREPLACE AND TOILET ROOMS BEFORE SEEING THE DISPLAY INSIDE THE BUILDING. HOWEVER, THE SMALL DISPLAY AT THE CORNER OF THE OVERHANGING CANOPY AS WELL AS THE INDICATION OF POTTERY DISPLAY ON THE WALL ADJOINING THE FIREPLACE, TENDED TO MODIFY THIS CRITICISM. IN OTHER RESPECTS THE BUILDING HAS GOOD PROPORTIONS AND SHOWS EVIDENCE OF CAREFUL STUDY.

M.N.KRAUSE, DETROIT, H.H.FISHER, PATRON - FIRST MENTION PLACED: PRESENTED A PROBLEM WHICH WAS ENTIRELY DIFFERENT FROM ALL OTHERS SUBMITTED AND GAVE RISE TO SPIRITED DISCUSSION AMONG THE MEMBERS OF THE JURY. FROM THE POINT OF VIEW OF PARKING AND VISIBILITY OF DISPLAY, THIS PROBLEM IS QUITE SATISFACTORY. HOWEVER, SERIOUS QUESTION WAS RAISED AS TO THE APPROPRIATENESS OF THE FORM OF THE BUILDING, SOME SUGGESTING IT REPRESENTED A PLAYFUL "FAIR GROUNDS" STRUCTURE RATHER THAN A PERMANENT DISPLAY OF A LONG ESTABLISHED SUCCESSFUL BUSINESS. THE JURY CAUTIONED THE STUDENT THAT A MORE SERIOUS APPROACH TO ARCHITECTURE WOULD BE ADVISABLE. A CLOSE MAJORITY OF THE JURY FELT THAT DESPITE ITS FAULTS, THE VISIBILITY OF THE DISPLAY FROM THE INTERSECTION AND THE WELL HANDLED PARKING AND CIRCULATION EARNED THIS PROBLEM ITS AWARD.

T.BRANDOW, UNIVERSITY OF PENNSYLVANIA - FIRST MENTION: THE JURY WITHHELD THE HIGHER AWARD BECAUSE THE CIRCULATION AND THE PARKING WERE TOO COMPLICATED AND WOULD TEND TO DETRACT FROM THE DISPLAY BUILDING. THIS PROBLEM WOULD HAVE BEEN MEASURABLY IMPROVED IF THE BUILDING HAD BEEN BROUGHT CLOSER TO THE CORNER OF THE LOT AND THE PARKING HAD BEEN ARRANGED AT THE SIDES AND REAR, THUS GIVING MORE PROMINENCE TO THE BUILDING.

WHILE THE DESIGN BY R.E.UNSIN, UNIVERSITY OF ILLINOIS AWARDED A FIRST MENTION, IS AN EXCELLENT APPROACH TO THE PROGRAM, IT SUFFERS IN THAT THE BUILDING IS SITUATED TOO FAR BACK FROM THE STREET AND PRESENTS A LIMITED VIEW TO CARS APPROACHING FROM TOWN. THE PROBLEM COULD HAVE BEEN IMPROVED IF THE PARKING ARRANGEMENTS WERE CONNECTED RATHER THAN BEING SO REMOTE FROM EACH OTHER.

S.A.DULGEROFF, UNIVERSITY OF ILLINOIS - FIRST MENTION: THIS PROBLEM SATISFIED THE JURY FROM THE POINT OF VIEW OF PARKING AND CIRCULATION BUT THERE WAS EXCESSIVE USE OF TRELLISES AND GEOMETRIC FORMS FOR OUTSIDE DISPLAY. IT WOULD HAVE BEEN BETTER TO LET THE OUTDOOR POTTERY SPEAK FOR ITSELF.

F.C.NAGEL, UNIVERSITY OF ILLINOIS - FIRST MENTION: IN THIS SUBMISSION, TOO, THE BUILDING WAS SET TOO FAR BACK FROM THE ROAD AND DEPENDED TOO MUCH ON EXAGGERATED TRELLISES FOR EFFECT.

SUMMARY OF AWARDS:

4 FIRST MENTION PLACED	51 MENTION	
4 FIRST MENTION	85 NO AWARD	144 TOTAL SUBMITTED

GEORGIA SCHOOL OF TECHNOLOGY: MENTION- W.O.FULMER.

OKLAHOMA AGRIC. & MECH. COLLEGE: MENTION- J.L.BRISCOE, M.W.MIZELL.

T SQUARE CLUB, PHILADELPHIA: MENTION- J.CAVANAUGH.

UNIVERSITY OF ILLINOIS: FIRST MENTION PLACED- D.M.DUBOFF, M.MOFFITT.

FIRST MENTION- S.A.DULGEROFF, F.C.NAGEL, R.E.UNSIN. MENTION-G.W.ANDERS,
A.O.BUMGARDNER, J.B.CAMPBELL, G.B.COX, W.E.DAVIS, R.J.DRILL, K.P.DURHAM,
K.F.EINHORN, J.A.HANSEN, G.M.HAVLIK, O.L.HERRICK, W.E.JOBUSCH,
W.S.LAHEY, G.LEMP, H.A.LUTZKE, R.W.MARSHALL, R.MEINKE, M.MEYERS,
H.P.READ, K.M.RHODES, J.F.SCHNEIDER, V.K.SENOUR, N.R.SKORBURG,
R.M.TENNANT, J.J.WAVERING, R.A.SOELLNER.

UNIVERSITY OF NOTRE DAME: MENTION- E.P.BOURGEOIS, J.D.ZEKAN.

UNIVERSITY OF PENNSYLVANIA: FIRST MENTION PLACED- S.Z.BENDER. FIRST MENTION-

T.BRANDOW. MENTION- J.L.BURKE, L.CASTE, J.S.COCHRANE, M.COHEN,
E.C.COOPER, G.FAN, E.GEDDES, W.C.HALDEMAN, T.HARDWICK, K.R.HOLMES,
T.C.LEHMAN, D.H.NAUTA, E.D.OAKES, R.Y.OKAMOTO, M.ROBBINS,
J.B.STRASSENBURGH, E.J.WIEDENKELLER.

WESTERN RESERVE UNIVERSITY, CLEVELAND: MENTION- A.NEISWANDER, D.RICHARDS.

UNAFFILIATED: DETROIT, MICH.: FIRST MENTION PLACED- M.N.KRAUSE

INDEX OF PHOTOSTATS

CLASS C PROBLEM V - A ROADSIDE DISPLAY STAND
AUGUST 5, 1947

109.	M.T.MOFFITT, UNIVERSITY OF ILLINOIS	FIRST MENTION PLACED
110.	S.Z.BENDER, UNIVERSITY OF PENNSYLVANIA	FIRST MENTION PLACED
111.	D.M.DUBOFF, UNIVERSITY OF ILLINOIS	FIRST MENTION PLACED
112.	M.N.KRAUSE, DETROIT, MICHIGAN	FIRST MENTION PLACED

POSITIVE PHOTOSTATS MAY BE OBTAINED FOR 25 CENTS EACH.

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REMITTANCE MUST ACCOMPANY ORDER.

THE UNIVERSITY OF CHICAGO

CHICAGO, ILL.

TO THE PRESIDENT OF THE UNIVERSITY OF CHICAGO

FROM THE FACULTY OF THE UNIVERSITY OF CHICAGO

RESOLUTION

ADOPTED BY THE FACULTY OF THE UNIVERSITY OF CHICAGO

ON THE 11TH DAY OF MAY, 1954

AT THE ANNUAL MEETING

OF THE FACULTY OF THE UNIVERSITY OF CHICAGO

BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any
Nine Consecutive Hours in the month of —June
Judgment will be held on or about —July 28, 1947

CLASS A NINE-HOUR SKETCH V—COVER FOR AN ARCHITECTURAL MAGAZINE

Author — Paul Grotz, Art Director Architectural Forum, New York

Mr. Paul Grotz studied Architecture at the Munich Technische Hochschule and the Stuttgart Technische Hochschule. He worked in the office of Werner March, architect in Berlin, with Hans Scharoun of Berlin on the International Architectural Exhibit in Stuttgart, and for Mebes and Emmerich, architects of Berlin. He engaged in private practice in Stuttgart and in Austria. He came to the United States in 1928. He was an associate of the Housing Study Guild in New York. In 1934 he joined the Staff of the Architectural Forum, and was appointed its Art Director in 1937.

Problem:

To design the cover for a monthly architectural magazine called "SHELTER." ("Shelter" was the name of a magazine published in the thirties, to which this problem has no relation.)

The cover must convey the content: architecture based on contemporary techniques, materials and planning. The arts and sciences related to building are included. Unlike the existing magazines in the field, this magazine is sold not only by subscription but also on newsstands—a factor influencing the design in such a way that customary display techniques used by newsdealers must be considered. It must be an eye-catcher in the maze of "pulp."

Specifications: Size of the magazine is $9\frac{3}{4}$ inches in width by $11\frac{3}{4}$ inches in height. The magazine is saddle-stitched (like the "Saturday Evening Post") with no back-

bone. The cover is printed on white coated stock by letterpress process in two colors—black (if used) counted as one color, any two colors or their combinations are permitted. The only type matter displayed on the cover is the name "Shelter," date, "January 1948," and "Price 50 Cents." The choice of illustrative subject matter is left to the student, who has to consider only the facts stated under "Problem."

REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")

One cover executed in full size— $9\frac{3}{4}$ inches by $11\frac{3}{4}$ inches. Any medium may be used—ink, crayon, poster colors, etc.

Three additional covers in size $2\frac{1}{2}$ inches by 3 inches. The purpose of these sketches is for the student to show possible variations in color or design without losing a continuity throughout the year.

NOTE: A record of the date selected for this sketch by the supervisor must be forwarded to the Beaux-Arts Institute of Design as soon as determined. Sketches must be forwarded to the B. A. I. D. after the exercise.

The text of the program must be kept confidential before date of exercise.

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The sketch must be presented on a single sheet of drawing paper 22" x 30" and must have a half inch unrendered margin on all four sides. The student must print in the lower right-hand corner:

- the student's full name.
- his school or atelier; or the name and address of supervisor.
- the grade and title of the competition.

The space for this identification must not be smaller than $1\frac{1}{2}$ " x 3".

Failure to comply with the requirements as stated in the Circular of Information for 1946-1947 shall exclude drawings from judgment. Copy will be sent on request.

BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

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—July 28, 1947
Nine Consecutive Hours in the month of June
Program issued and completed in any

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REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")
One cover executed in full size—9½ inches by 11½ inches. Any medium may be used—ink, crayon, poster colors, etc.

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- (c) the grade and title of the competition.

The space for this identification must not be smaller than 1½" x 3".

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CLASS A NINE-HOUR SKETCH V
COVER FOR AN ARCHITECTURAL MAGAZINE

AUTHOR - PAUL GROTZ, ART DIRECTOR ARCHITECTURAL FORUM, NEW YORK

JURY OF AWARD - AUGUST 5, 1947

ANDREW F. EUSTON
M. MILTON GLASS

PAUL GROTZ
SIDNEY L. KATZ
ALEXANDER KOUZMANOFF

ANTHONY J. NISITA
MAX O. URBahn

PARTICIPANTS:

UNIVERSITY OF ILLINOIS
UNIVERSITY OF OKLAHOMA

UNIVERSITY OF PENNSYLVANIA
WESTERN RESERVE UNIVERSITY, CLEVELAND

REPORT OF THE JURY - BY MAX O. URBahn

THE MAJORITY OF PROBLEMS SUBMITTED MISSED THE FEATURE POINT OF THE PROGRAM. THE COVER DESIGNS DID NOT CONVEY THE CONTENT OF THE MAGAZINE. THE DRAWINGS WHICH RECEIVED AWARDS SHOWED A FLEXIBILITY IN DESIGN AND DID NOT LIMIT THEMSELVES TO A SPECIFIC FORM PATTERN. FLEXIBILITY IN A COMPOSITION OF THE CONTENT WAS DESIRED AND SHOULD VARY WITH THE FEATURED SUBJECT.

THE JURY CONSIDERED THE IMPORTANCE OF NEWSSTAND DISPLAY APPEAL IN A DESIGN OF THE COVER. THOSE DRAWINGS WHICH RECEIVED AWARDS PLACED THE WORD "SHELTER" AT THE TOP OF THE COVER WHERE IT COULD BE READILY SEEN WHEN THE MAGAZINES WERE STACKED FOR DISPLAY.

THE JURY DEPLORED THE CARELESS PRESENTATION OF MOST DRAWINGS. SOME OF THE POSSIBLE SCHEMES WERE, THEREFORE, PENALIZED BECAUSE OF THEIR POOR LETTERING AND BAD DELINEATION. THIS TYPE OF DECORATIVE PROBLEM REQUIRED LEGIBILITY AND SIMPLICITY AND THEY WERE JUDGED ACCORDINGLY.

THE DESIGN OF A.A.FREED, UNIVERSITY OF ILLINOIS IS ATTRACTIVELY PRESENTED, SHOWING THE DESIRED FLEXIBILITY OF COMPOSITION AND SUBJECT FEATURED. A TECHNICAL CRITICISM WAS ADVANCED BECAUSE THE WORD "SHELTER" BLEED THE TITLE OFF THE PAGE AND DIFFICULTIES IN PRINTING WOULD POSSIBLY BE ENCOUNTERED.

THE PRESENTATION BY T.LANDISE, UNIVERSITY OF ILLINOIS, WAS PROFESSIONAL AND SIMPLE. THE DESIGN OF THE WORD "SHELTER" JUST MISSED NEWSSTAND APPEAL.

THE PROBLEM BY G.M.CLARK, UNIVERSITY OF ILLINOIS, HAD PERHAPS THE BEST CHANGE IN DISPLAY PATTERN. THE COVER WAS BOLD AND WELL PRESENTED. HOWEVER, WHILE MAGAZINES ARE STACKED ON NEWSSTANDS THEY WOULD, IN THIS CASE, SHOW PARTIAL LEGIBILITY IN THE WORD "SHELTER" BECAUSE IT WAS EXCESSIVELY LARGE. FROM THE STANDPOINT OF MAGAZINE COVER DESIGN, THIS PROBLEM WAS CONSIDERED THE BEST OF THOSE SUBMITTED. THE DESIGN OF THIS COVER WOULD BE AN APPROPRIATE CHARACTER FOR THE MAGAZINE WHICH WOULD IMMEDIATELY IDENTIFY IT WHEN IT APPEARED ON THE NEWSSTAND. IT REDEEMED THE MARGIN OF FLEXIBILITY IN DISPLAY SHOWING A PERIODICAL CONTENT OF THE ISSUE NUMBER.

SUMMARY OF AWARDS:

3 MENTION 6 HALF MENTION 34 NO AWARD 43 TOTAL SUBMITTED

UNIVERSITY OF ILLINOIS: MENTION- G.M.CLARK, A.A.FREED, T.LANDISE.
HALF MENTION- D.E.BOONE, R.K.GEROMETTA, E.A.MEYER, S.SALZMAN.
UNIVERSITY OF OKLAHOMA: HALF MENTION- G.W.QUALLS.
UNIVERSITY OF PENNSYLVANIA: HALF MENTION- W.C.CRANMER

INDEX OF PHOTOSTATS

CLASS A NINE-HOUR SKETCH V - COVER FOR AN ARCHITECTURAL MAGAZINE
AUGUST 5, 1947

113.	A.A.FREED, UNIVERSITY OF ILLINOIS	MENTION
114.	T.LANDISE, UNIVERSITY OF ILLINOIS	MENTION
115.	G.M.CLARK, UNIVERSITY OF ILLINOIS	MENTION

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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any
Nine Consecutive Hours in the month of—June

Judgment will be held on or about —July 28, 1947

CLASS B NINE-HOUR SKETCH V—A FERRIS WHEEL

Author—Nathaniel A. Owings, Chicago, Illinois

Mr. Owings attended University of Illinois for one year, then Cornell University obtaining his B.S. in Architecture in 1927. He is a member of the A.I.A. and was a President of the Chicago Chapter. From 1927-30 he served in various executive capacities for York & Sawyer; 1930-34 he was Development Supervisor of the Chicago World's Fair. 1935-36 Mr. Owings devoted to research study in Japan, China, Indo-China, India and Egypt. Member of the firm Skidmore, Owings & Merrill, Architects-Engineers for the Town of Oak Ridge, Tenn., Fort Hamilton Veterans Hospital, N. Y., Neuro-Psychiatric Hospital, Toledo, O., Associate Architects—United National Headquarters, N. Y., Ohio State University Medical Center, Columbus, O., Glenn L. Martin College of Engineering & Aeronautical Sciences, The University of Maryland, College Park, Md., Illinois Institute of Technology, Chicago—Faculty and Student Housing.

The operators of an amusement park concession approach their architect as follows: "We wish to build a ferris wheel within a municipally-owned island park. The city demands that the wheel be an attractive addition to the park, yet we must operate it on a business basis. For youngsters, it must be as appealing as the recent, more spectacular-appearing rides. For older folk, it must recreate the wonder and awe felt on their first ferris wheel ride. We would like to have your ideas on handling these elements in a new wheel, having a 50 foot radius."

The problem confronting the designer is to achieve

dignity, dramatic expectation, and nostalgia through the use of form, materials, color, illumination, and landscaping. Entrance and exit to ferris wheel, waiting space and ticket booth are to be shown.

REQUIRED FOR THE SKETCH: (Sheet size 22" x 30")

Plan of the wheel and immediately surrounding area, at the scale of 1/32" equals 1'0".

A side elevation at the scale of 1/16" equals 1'0".

Perspective at as large a scale as possible.

NOTE: A record of the date selected for this sketch by the supervisor must be forwarded to the Beaux-Arts Institute of Design as soon as determined. Sketches must be forwarded to the B. A. I. D. after the exercise.

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Author — Nathaniel A. Owings, Chicago, Illinois
CLASS B NINE-HOUR SKETCH V — A FERRIS WHEEL

lege Park, Md., Illinois Institute of Technology Chicago—Faculty and Student Housing.
University Medical Center, Columbus, O.; Glenn L. Martin College of Engineering & Architecture, School of the University of Maryland Col-
ton Veterans Hospital, N. Y.; Neuro-Psychiatric Hospital, Toledo, O.; Associate Architect—United Nations Headquarters, N. Y.; Ohio State
China, India and Egypt. Member of the firm Skidmore, Owings & Merrill. Architect engineer for the Town of Oak Ridge, Tenn. Fort Hanning,
1930-34 he was Development Supervisor of the Chicago World's Fair. 1935-36 Mr. Owings devoted to research study in Japan, China, Indo-
cor of the A.I.A. and was a Resident of the Chicago Club. From 1927-30 he served in various executive capacities for York & Sawyer.
Mr. Owings attended University of Illinois for one year then Cornell University obtaining his B.S. in Architecture in 1927. He is a mem-

Entrance and exit to terms wheel waiting space and use of form materials, color, illumination, and sound.

at the scale of 1/32" equals 1' 0".

A side elevation at the scale of 1" = 10' equals 10'

Perspective at as large a scale as possible.

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CLASS B NINE-HOUR SKETCH V
A FERRIS WHEEL

AUTHOR - NATHANIEL A. OWINGS, CHICAGO, ILLINOIS

JURY OF AWARD - AUGUST 5, 1947

GEORGE E. BEATTY
JAMES B. BELL
JOSEPH L. HAUTMAN

SIDNEY L. KATZ
S. J. LASUSA

THOMAS PRICE
WILLIAM SAMBUR
MAX O. URBANH

PARTICIPANTS:

DAPRATO ATELIER, CHICAGO
LAYTON ART SCHOOL ATELIER, MILWAUKEE
OKLAHOMA AGRIC. & MECH. COLLEGE
UNIVERSITY OF ILLINOIS

UNIVERSITY OF NOTRE DAME
UNIVERSITY OF OKLAHOMA
UNIVERSITY OF PENNSYLVANIA
WESTERN RESERVE UNIVERSITY, CLEVELAND

REPORT OF THE JURY - BY JOSEPH L. HAUTMAN

SOMETIME IN THE COURSE OF OUR LIVES, WE TAKE MANY THINGS FOR GRANTED. IN JUDGING THE PROBLEM, THE JURY ASSUMED THAT ALL STUDENTS HAVE HAD THE ADVANTAGE OF VISITING AMUSEMENT PARKS, AND HAD THE PLEASURE OF RIDING A FERRIS WHEEL. PERHAPS IN TAKING THE RIDE, A MAJORITY, AS SERIOUS STUDENTS OF ARCHITECTURE, DID NOT OBSERVE TOO CLOSELY THE CHIEF FUNCTIONS OF THE DESIGN AND SAFETY CONTROLS OF A FERRIS WHEEL.

A MAJORITY OF THOSE SUBMITTED, PORTRAYED VERY LITTLE IMAGINATION, DEALT WITH WEIRD FORMS IMPOSSIBLE TO CONSTRUCT, AND MORE IMPOSSIBLE TO BUILD, AND WOULD IN REALITY BE MISERABLE VEHICLES TO RIDE, INSTEAD OF GAINING THE PLEASURE THAT A RIDE IN A FERRIS WHEEL SHOULD OFFER. EVEN THOUGH THE PROBLEM WAS A NINE-HOUR SKETCH, IN THE OPINION OF THE JURY, AND WITH THE EXCELLENT PROGRAM PROVIDED, MORE IMAGINATION SHOULD HAVE BEEN DEVELOPED.

OF THE NINETY-ONE SKETCHES PRESENTED, ONLY THREE WERE OUTSTANDING AND WORTHY OF COMMENT. OF THE THREE, NAMELY THE ONE PRESENTED BY D.A. SMITH, UNIVERSITY OF OKLAHOMA, AND ONE PRESENTED BY B.E. LONG OF UNIVERSITY OF OKLAHOMA. SHOWED EXCELLENT QUALITIES OF IMAGINATION AND WERE REPRESENTATIVE OF THE AMUSEMENT PARK DESIGN, AND PORTRAYED A FERRIS WHEEL IN A MANNER THAT ONE COULD IMAGINE IT BEING NOT ONLY HANDSOME TO LOOK AT, BUT APPEARED TO BE FUNCTIONING CORRECTLY, AND WOULD OFFER A PLEASURABLE VEHICLE TO RIDE IN. THE THIRD DESIGN BY E.D. SHELLABARGER, UNIVERSITY OF ILLINOIS, WAS IN THE SAME CATEGORY. HOWEVER, THIS STUDENT FAILED IN PRESENTING THE PROBLEM; THE PYLON WAS MORE IMPORTANT IN THE SKETCH THAN THE FERRIS WHEEL. THE STUDENTS ARE CAUTIONED IN PRESENTING SKETCHES, ESPECIALLY NINE-HOUR SKETCHES TO DISPLAY IMAGINATION IN PORTRAYING AND EXHIBITING THE SUBJECT AS CALLED FOR IN THE PROGRAM. IN MR. SHELLABARGER'S SKETCH, THE PYLON WAS MADE SO OVERPOWERING THAT THE EXCELLENT QUALITY OF THE DESIGN OF THE FERRIS WHEEL ITSELF BECAME A SECONDARY CONSIDERATION, AND IN JUDGING THE PROBLEM, THE JURY ALMOST OVERLOOKED THIS PARTICULAR SKETCH AS BEING PRESENTED FOR A FERRIS WHEEL DESIGN.

SUMMARY OF AWARDS:

3 MENTION 6 HALF MENTION 82 NO AWARD 91 TOTAL SUBMITTED

LAYTON ART SCHOOL ATELIER, MILWAUKEE: HALF MENTION- B.LEWIS, G.A.D.SCHUETT.

OKLAHOMA AGRIC. & MECH. COLLEGE: HALF MENTION- S.SHAFTEL.

UNIVERSITY OF ILLINOIS: MENTION- F.D.SHELLABARGER. HALF MENTION -
A.O.BUMGARDNER.

UNIVERSITY OF OKLAHOMA: MENTION- B.E.LONG, D.A.SMITH. HALF MENTION-
J.A.REID.

WESTERN RESERVE UNIVERSITY, CLEVELAND: HALF MENTION- J.BABCOCK.

INDEX OF PHOTOSTATS

CLASS B NINE-HOUR SKETCH V - A FERRIS WHEEL
AUGUST 5, 1947

116.	D.A.SMITH, UNIVERSITY OF OKLAHOMA	MENTION
117.	B.E.LONG, UNIVERSITY OF OKLAHOMA	MENTION
118.	F.D.SHELLABARGER, UNIVERSITY OF ILLINOIS	MENTION

POSITIVE PHOTOSTATS MAY BE OBTAINED FOR 25 CENTS EACH.
A COPY OF THE REPORT MAY BE HAD FOR 10 CENTS.
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BEAUX-ARTS INSTITUTE OF DESIGN

304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any

Five Consecutive Weeks between —May 5, 1947—July 14, 1947

Judgment will be held on or about—July 28, 1947

ARCHITECTURAL FORUM PRIZE

A prize of \$50.00 will be awarded by the Architectural Forum Magazine, on this problem.

CLASS A PROBLEM V—A RESORT HOTEL

Author—Max Abramovitz, New York, N. Y.

Mr. Abramovitz attended University of Illinois and Columbia University, receiving his B.S. in 1929 and Master's degree in 1931. From 1932-34 he attended the Ecole des Beaux-Arts in Paris. He is licensed by the N.C.A.R.B. and in Illinois, New York, and New Jersey. He has been instructor at New York University and Assistant Professor at Yale University. He is a member of the Visiting Committee Columbia University School of Architecture, and a member of the Board of Trustees of the Beaux-Arts Institute of Design. He is a member of the firm Harrison & Abramovitz (formerly Harrison, Foulhoux & Abramovitz). Mr. Abramovitz served in the U. S. Army Corps of Engineers as Lt. Colonel in the China Theatre, 1942-45.

An investment company proposes to build a resort hotel in a section of this country frequented both winter and summer by tourists of a middle income group—professional people, college students, etc. Some of these will spend a considerable length of time at the resort, while others will motor out from a nearby city for a day of sport, relaxation or merely dinner and dancing in the evening.

The prospective owners have picked as the site for this hotel, a plot of land 1000 feet by 650 feet with the long side running East and West. The approach from the main highway is by a road parallel to the North side of the plot. The site includes a ridge approximately 25 feet high and a small stream paralleling the ridge on the East, as shown on the plot plan. The owners desire that the hotel be placed on the high land in order to take advantage of the excellent views in both easterly and westerly directions from the ridge.

The owners have decided against a cottage type plan, because of the high operational costs, but they have not determined whether the hotel should be a high, multi-storied building or a low, rambling type. The student is to choose the type he feels is best suited for this project.

The following are the required elements of the program and the approximate sizes thereof:

Lobby—1500 sq. ft.

Administrative Offices—two at 300 sq. ft. each.

Concessions

(a) Shops—three each 250 sq. ft.

(b) Beauty Parlor—700 sq. ft.

(c) Barber Shop—100 sq. ft.

(d) Newsstand—80 sq. ft.

Lounge—2500 sq. ft.

Toilet rooms for men and women adjacent to public areas as necessary.

Dining Areas

(a) Main dining room for approximately 200 guests at one sitting.

(b) Private dining rooms

(1) Three for 20 persons each

(2) One for 12 persons

(c) Terrace for dining

Bar of 30 lineal feet, and night club seating 75 with a dance area of 750 sq. ft.

Kitchen, storerooms, etc.—approximately 60% of dining area.

Bedrooms—120 Double Bedrooms—240 sq. ft. each exclusive of a bath and two closets.

60 Single Bedrooms—180 sq. ft. each exclusive of a bath and one closet.

Outdoor Swimming Pool—1600 sq. ft. for deep and shallow bathing. Facilities for serving lunch to bathers at pool.

Two double tennis courts

Four badminton courts

Quarters for approximately 40 servants

Parking for 200 guests' cars

Garage and repair shop

REQUIRED DRAWINGS: (Sheet size 31" x 40")

Plot plan at the scale of 1/64" to the foot, showing the individual buildings, roads, parking areas, and general landscape plan showing swimming pool, terraces, tennis courts, etc.

Plan at the scale of 1/16" to the foot of the main floor of the building.

Plan at the scale of 1/16" to the foot of a typical bedroom floor.

Two elevations at the scale of 1/16" to the foot and a perspective showing the two other elevations.

NOTE: A record of the dates selected for this problem by each supervisor and school must be forwarded to the Beaux-Arts Institute of Design as soon as determined.

The text of all programs must be kept confidential before they are issued.

Final drawings shall have a half inch unrendered border on all sides.

Drawings will be eliminated from the judgment for infringement of the following:

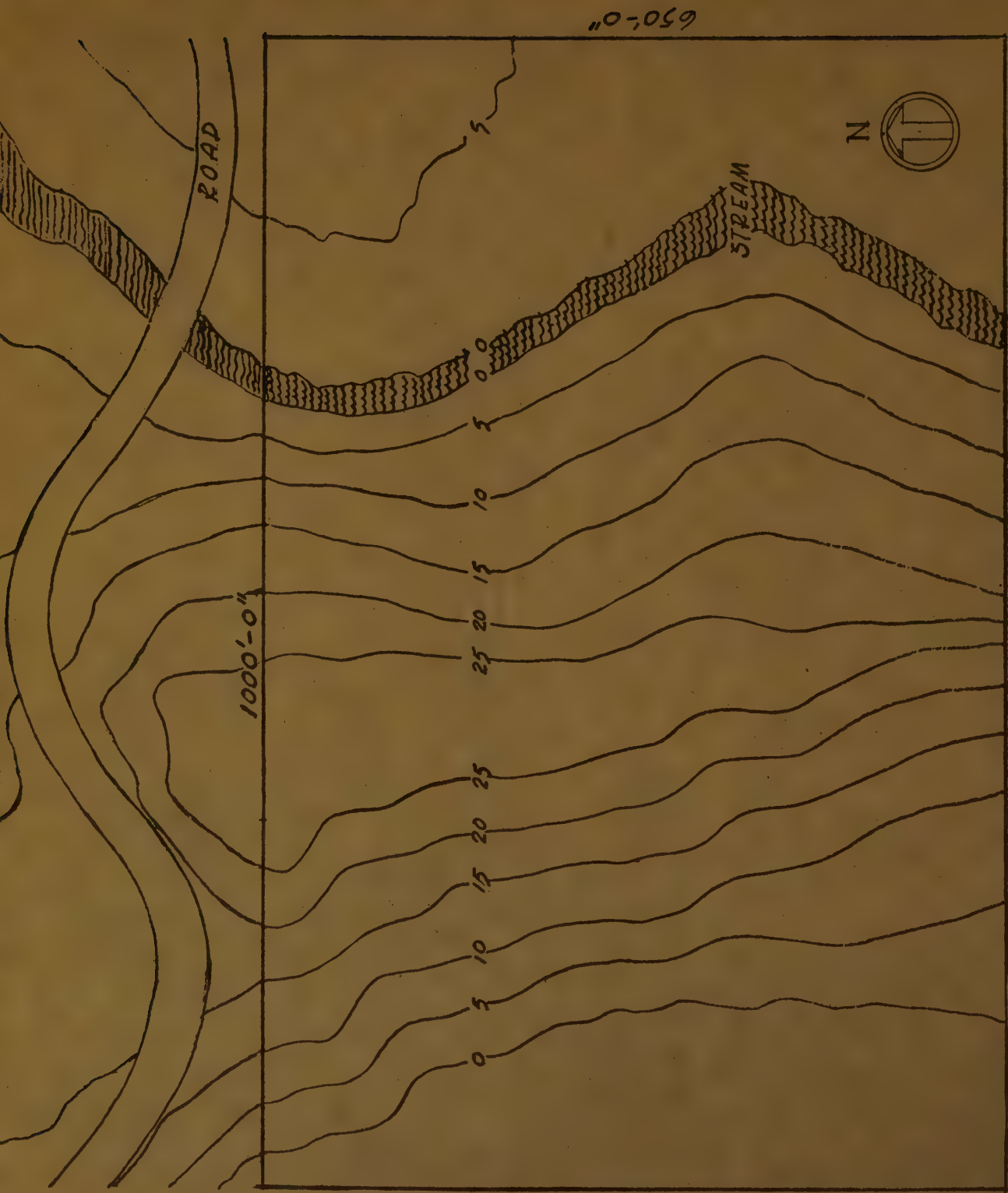
(a) Violation of requirements, or failure to pay the registration fee.

(b) Indefinite, illegible or insufficient indication of the solution of the problem in the final drawing.

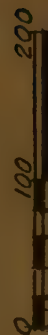
(c) Omission or variation from the fixed requirements of the program.

(d) Failure to indicate the identifying elements as may be called for in any program.

Failure to comply with the requirements as stated in the Circular of Information for 1946-1947 shall exclude drawings from judgment. Copy will be sent on request.



PLOT PLAN



CLASS A PROBLEM V - ARCHITECTURAL FORUM PRIZE
A RESORT HOTEL

AUTHOR - MAX ABRAMOVITZ, NEW YORK, N.Y.

JURY OF AWARD - AUGUST 12, 1947

MAX ABRAMOVITZ
LEOPOLD ARNAUD
CARL C. BRAUN
ALBERT BUTT

HARVEY WILEY CORBETT
HENRY DUMPER
ALFRED FELLHEIMER
MICHAEL M. HARRIS

CALEB HORNBOSTEL
WALTER H. KILHAM
BENJAMIN MOSCOWITZ
HENRY WRIGHT

PARTICIPANTS:

GEORGIA SCHOOL OF TECHNOLOGY
PRINCETON UNIVERSITY

UNIVERSITY OF ILLINOIS
UNIVERSITY OF PENNSYLVANIA
WESTERN RESERVE UNIVERSITY, CLEVELAND

REPORT OF THE JURY - BY HARVEY WILEY CORBETT

THIS PROBLEM WAS PREPARED WITH THE THOUGHT IN MIND OF GIVING THE STUDENTS AN OPPORTUNITY TO SHOW WHAT THEY COULD DO IN GETTING A SOLUTION FOR A PROPOSED BUILDING OR GROUP OF BUILDINGS HAVING A RATHER SPECIAL CHARACTER AND PURPOSE. THE TOPOGRAPHICAL AREA OF THE SITE WAS PROVIDED, SO THE STUDENTS COULD TAKE FULL ADVANTAGE OF THE TERRAIN IN THE SOLUTION OF THEIR PROBLEM. AN ARCHITECT'S PROBLEM THESE DAYS IS NOT SIMPLY A MATTER OF EQUIPPING A BUILDING WITH ALL THE LATEST MECHANICAL AND TECHNICAL DEVICES OR DESIGNING IT BY USING A COMBINATION OF THE LATEST AND MOST UP-TO-THE-MINUTE ARCHITECTURAL CLICHES. THE PURPOSE OF THE PROBLEM INsofar AS THE STUDENTS CAN MANAGE IT IS TO THINK AND UNDERSTAND THE TYPE OF PEOPLE WHO WOULD USE THE BUILDING, THE FORM AND SHAPE OF THE SPACES WHICH SERVE THEM, AND TO INTEREST, INSPIRE AND INTRIGUE THE OCCUPANTS, SO THAT THEY WILL NOT ONLY HAVE A GOOD TIME WHILE THEY ARE VISITORS THERE, BUT WILL CARRY AWAY A PLEASANT MEMORY OF THEIR OUTING.

THE STUDENTS WERE INFORMED THAT ALL SORTS OF PEOPLE WOULD BE COMING TO SUCH A RESORT HOTEL, SOME MERELY FOR DINNER AND AN EVENING, OTHERS REMAINING FOR A LONGER TIME. IT WAS HOPED THAT BOTH TYPES WOULD FIND ACCOMMODATIONS IN THIS RESORT HOTEL WHICH WOULD MEET THEIR SPECIAL NEEDS. IN THE OPINION OF THE JURY THE WINNING DESIGN ANSWERED THE PROBLEM BEST. THERE WAS AN EVIDENT APPRECIATION ON THE PART OF THE STUDENT OF THE TERRAIN AND THE CONTOURS, EVIDENCE OF THE NEED FOR ACCOMMODATING THOSE WHO WERE STAYING FOR A LONG PERIOD SEEKING REST AND QUIET, AND ALSO THOSE WHO WERE MORE TEMPORARILY THERE AND WERE PUT IN TOUCH WITH THE SORT OF THING THAT IS CUSTOMARY IN THE USUAL HOTEL.

THE JURY IN EXAMINING THESE PLANS FOLLOWED THE SIMPLE PROCEDURE OF THINKING THEMSELVES AS VISITORS COMING INTO THE BUILDING THROUGH THE MAIN ENTRANCE, SENSING THE SPACE, THE OPENNESS, THE VISTAS, THE ATTRACTIVE OUTLOOK, AS THEY WENT FROM ONE PORTION OF THE STRUCTURE TO THE OTHER, AND THEIR JUDGMENT WAS BASED UPON THE SUCCESS WITH WHICH THE STUDENTS HAD ACCOMPLISHED THIS ARRANGEMENT IN REGARD TO THESE VARIOUS QUALITIES NOTED.

IN THE LATE 1890'S AT THE BEAUX-ARTS IN PARIS, THERE WAS A POPULAR SAYING AMONG THE STUDENTS THAT YOU COULD NOT "WIN A PRIZE UNLESS YOU HAD AT LEAST FOUR CLASSIC COLUMNS AND A PEDIMENT"! THERE SEEMS TO BE AN IMPRESSION TODAY IN LATE 1947 THAT SOME PORTION OF EVERY BUILDING MUST BE ON FOUR OR MORE STILTS. NEITHER OF THESE GENERAL IDEAS WAS REALLY NECESSARY. IN THE "OLD DAYS" COLUMNS HAD THEIR PLACE AND SERVED AN ACCEPTABLE PURPOSE, IN THESE DAYS BUILDINGS ON STILTS HAVE THEIR PURPOSE, BUT NEITHER ONE NECESSARILY IS APPLICABLE TO ALL PROBLEMS. BASICALLY SIMPLE COMMON SENSE IS THE FUNDAMENTAL CONSIDERATION IN THE SOLUTION OF AN ARCHITECTURAL ASSIGNMENT.

THE DESIGN OF C.E.STADE OF PRINCETON UNIVERSITY, AWARDED THE ARCHITECTURAL FORUM PRIZE, WAS THE ONLY ONE WHICH, IN THE OPINION OF THE JURY, WAS ENTITLED TO A FIRST MEDAL. SOMEWHAT THE SAME PARTI WAS FOLLOWED BY D.E.CHAPMAN OF PRINCETON UNIVERSITY, AWARDED A SECOND MEDAL, BUT THERE WAS NOT AS SATISFACTORY AN ARRANGEMENT OR SEQUENCE TO THE ORDER OF PUBLIC SPACES.

THE THREE OTHER SECOND MEDAL DESIGNS BY G.M.CLARK, W.ENG, AND M.A.IBRAHIM. ALL OF THE UNIVERSITY OF ILLINOIS, WERE BASED UPON THE OTHER THEORY ACCEPTABLE UNDER THE TERMS OF THE PROGRAM, OF A CONCENTRATED MOTEL BUILDING OF SEVERAL STORIES. EACH ONE HAD A GOOD SYSTEM OF DISTRIBUTION OF KITCHEN SERVICES TO THE VARIOUS SPACES NEEDING ITS FACILITIES. HOWEVER, THEY WERE ALL LACKING IN THE DISTINCTIVE AND QUASI-RUSTIC FEELING OF THE SITE.

SUMMARY OF AWARDS:

- 1 FIRST MEDAL 4 SECOND MEDAL 24 MENTION 25 NO AWARD
54 TOTAL SUBMITTED

PRINCETON UNIVERSITY: FIRST MEDAL AND ARCHITECTURAL FORUM PRIZE - C.E.STADE.
SECOND MEDAL- D.E.CHAPMAN. MENTION- F.J.D.BEATTY, F.C.McNULTY,
J.K.SINCLAIR, A.TODD, W.D.WILSON.

UNIVERSITY OF ILLINOIS: SECOND MEDAL- G.M.CLARK, W.ENG, M.A.IBRAHIM.
MENTION- D.E.BOONE, A.A.FREEL, R.K.GEROMETTA, A.M.HALPIN, R.HIRSCH,
R.L.HUEHOLT, W.R.KING, T.LANDISE, E.A.MEYER, W.C.MUCHOW, A.D.RUDOLPH.
E.J.ROMIENIEC, S.SALZMAN, R.J.SHERBURNE, G.A.SIEGWART, M.A.SIELAFF,
K.O.SMALL, S.J.SMITH, R.E.SPENCER.

INDEX OF PHOTOSTATS

CLASS A PROBLEM V - A RESORT HOTEL
ARCHITECTURAL FORUM PRIZE - AUGUST 12, 1947

119. C.E.STADE, PRINCETON UNIVERSITY	FIRST MEDAL AND PRIZE
120. D.E.CHAPMAN, PRINCETON UNIVERSITY	SECOND MEDAL
121. G.M.CLARK, UNIVERSITY OF ILLINOIS	SECOND MEDAL
122. W.ENG, UNIVERSITY OF ILLINOIS	SECOND MEDAL
123. M.A.IBRAHIM, UNIVERSITY OF ILLINOIS	SECOND MEDAL

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304 East 44th Street, New York 17, N. Y.

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

Program issued and completed in any

Six Consecutive Weeks between —May 5, 1947—July 14, 1947

Judgment will be held on or about—July 28, 1947

FREE PROBLEM — CLASS B PROBLEM V — A HANDICRAFT SHOP

Author — Morris Lapidus, New York, N. Y.

After a brief period in the theatre, Mr. Lapidus decided that scenic design was to be his career and to get a sound basis for it he took up the study of architecture, graduating from Columbia University in 1927. He obtained his early training in the office of Warren & Wetmore which together with his studies at Columbia University gave him a thorough classic background. He forgot the theatre and remained an architect. His knowledge of contemporary architecture comes from studying the works of moderns. Specializing in what he terms Business Architecture, he learned the value of showmanship and popular appeal to achieve a universal acceptance of contemporary architecture in stores, offices, showrooms, and factories which form the bulk of his work.

Background:

Three veterans, each with a particular specialty, have decided to open a shop in their home town to serve a two-fold purpose:—1) as a studio in which they can carry on their individual crafts, and 2) as a store in which the finished products of their crafts can be displayed and sold. In addition a general line of hand produced merchandise from all over the United States will be on display and on sale to supplement their own handiwork.

One veteran is a painter, one is a sculptor, and the third is an artist skilled in the fabrication of various types of plastics. Each one will require his individual shop or studio. All three will act as salesmen, and until such time as the business has grown larger they will constitute the sole personnel of the store, except for their wives, who may assist at times.

All three have contacts with a number of shops engaged in making products, that have a specialized handicraft quality but are produced in sufficient quantity for large scale sales. The veterans are fully aware of the fact that although they can expect a certain amount of sales from their own products, they will have to depend in a large measure on the sale of the other items.

General Architectural Requirements:

The owners of the store have selected an inside lot measuring 40 feet wide by 100 feet in depth. The building is only 80 in depth, the last 20 feet may be added as an extension or left open as a rear yard. There is to be a minimum sales area of 2000 sq. ft.

In general most of the present buildings are not built out the full depth of the property, which in most instances is 100 feet. The rear space may be available for additional building which may or may not be built upon, and which may be used for additional display. The height of the main selling floor should not exceed 20 feet. A basement may or may not be utilized as a part of the store. Additional levels, such as a mezzanine or balcony, may be introduced.

In addition to their paintings, sculpture and plastic products which include such items as small pieces of furniture and accessories, there will be a line of merchandise

comprising the following:

Glassware

Ceramics

Pottery

Small pieces of furniture

Textiles suitable for Drapery and Upholstery.

Lamps

Hand-woven rugs

Needlecraft

Utensils and Dinnerware

The merchandise is to be displayed in a way which will present it at its best, employing wall cases, floor cases, platforms, counters and any other devices deemed suitable for the adequate display of this particular type of work. Attention is called to the fact that this store is on a busy thoroughfare, with all stores competing for customer attraction. The owners of this store are fully aware of the advantages of a good store front which acts as a compelling advertising medium. It should, therefore, include a well arranged display showing as great a cross-section of the merchandise as possible, an inviting entrance, and be sufficiently open to make a display of the entire shop.

Lighting will play an important part not only in the illumination of the store front, but of the merchandise itself. Good selling practices call for at least 100 foot candles of light in the show windows and at least 50 foot candles of light on the merchandise for sale.

It must be borne in mind that all of the mechanical requirements of a smoothly functioning shop must be included. Consideration must be given to such things as receiving and shipping, stockrooms, storage for stationery and wrapping supplies, accommodation for janitor supplies, toilet facilities and arrangements for air conditioning, etc. In the shop proper provision should be made for cash and wrapping. It should be assumed that in a shop of this kind, many of the purchases would be for gifts consequently necessitating accommodation for writing gift cards.

REQUIRED DRAWINGS: (Sheet size 31" x 40")

In the presentation drawings, the student shall make his own decision as to the number of drawings that will be required, to present completely and forcefully his design and solution to his clients. The only stipulation is that all floor plans must be presented at $\frac{1}{8}$ " scale.

A notation of scale must accompany each drawing.

NOTE: A record of the dates selected for this problem by each supervisor and school must be forwarded to the Beaux-Arts Institute of Design as soon as determined.

The text of all programs must be kept confidential before they are issued.

Final drawings shall have a half inch unrendered border on all sides.

Drawings will be eliminated from the judgment for infringement of the following:

- (a) Violation of requirements, or failure to pay the registration fee.
- (b) Indefinite, illegible or insufficient indication of the solution of the problem in the final drawing.
- (c) Omission or variation from the fixed requirements of the program.
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Utenils and Dinnerwear
Needlecraft
Hand woven rugs
Lamps

in addition to their painting, sculpture and plastic products which include such items as small pieces of furniture and accessories, there will be a line of merchandise

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General Architectural Requirements:

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Author—Morris Lapidus, New York, N. Y.

FREE PROBLEM—CLASS B PROBLEM V—A HANDICRAFT SHOP

Judgment will be held on or about—July 28, 1947

Six Consecutive Weeks between —May 2, 1947—July 14, 1947

Program issued and completed in any

DEPARTMENT OF ARCHITECTURE—1946-1947—FIFTY-FOURTH SCHOOL YEAR

304 East 44th Street, New York 17, N. Y.
BEAUX-ARTS INSTITUTE OF DESIGN

FREE PROBLEM - CLASS B PROBLEM V
A HANDICRAFT SHOP
AUTHOR - MORRIS LAPIDUS, NEW YORK, N.Y.

JURY OF AWARD - AUGUST 12, 1947

ROBERT ANDERSON
WILLIAM L. BOTTOMLEY
ROSARIO CANDELA
ROBERT CARSON

ALONZO W. CLARK
HARMON H. GOLDSTONE
DON HATCH

SEYMOUR JOSEPH
MORRIS KETCHUM, JR.
MORRIS LAPIDUS
ROBERT D. MACKINNON

PARTICIPANTS:

GEORGIA SCHOOL OF TECHNOLOGY
OKLAHOMA AGRIC. & MECH. COLLEGE
T SQUARE CLUB OF PHILADELPHIA
UNIVERSITY OF ILLINOIS

UNIVERSITY OF NOTRE DAME
UNIVERSITY OF PENNSYLVANIA
WESTERN RESERVE UNIVERSITY, CLEVE.
UNAFFILIATED: BIRMINGHAM, ALA.

REPORT OF THE JURY - BY MORRIS KETCHUM, JR.

THE JURY FELT THAT THE PROGRAM "A HANDICRAFT SHOP" PROVIDED THE STUDENTS WITH A FREE YET REALISTIC PROBLEM. THE ELEMENTS INVOLVED INCLUDED SPACE FOR MERCHANDISING, BEHIND THE SCENE SERVICES, AND WORKING QUARTERS FOR THE THREE VETERANS WHO WERE TO BE THE PROPRIETORS OF THE SHOP. THE BASIC PROBLEM INVOLVED WAS TO COORDINATE THESE THREE ELEMENTS OF THE PROGRAM IN TERMS OF SPACE AND EQUIPMENT. THEY WERE A LITTLE DISAPPOINTED IN THE GENERAL AVERAGE QUALITY OF THE SUBMISSIONS AND FELT THAT TOO LITTLE ATTENTION HAD BEEN PAID TO SPACE ORGANIZATION AND TO THE DETAIL PLANNING OF THE VARIOUS SALES DEPARTMENTS INVOLVED IN THE PROGRAM. HOWEVER, THE QUALITY OF THOSE SUBMISSIONS RECEIVING FIRST MENTION AND FIRST MENTION PLACED WAS WELL ABOVE THE AVERAGE. ALL OF THESE DESIGNS SHOWED IMAGINATIVE ARRANGEMENT OF SPACE AND EQUIPMENT TOGETHER WITH COMPETENT STUDY OF DETAILS.

TOO MANY OF THE STUDENTS OVERLOOKED THE FACT THAT THE THREE VETERANS WERE STARTING IN BUSINESS ON A LIMITED CAPITAL AND FAILED TO ORGANIZE THEIR PROJECTS ECONOMICALLY TO MEET THIS. MOREOVER, THEY IGNORED THE FACT THAT A STORE'S CHIEF DISPLAY IS ITS MERCHANDISING AND NOT ITS ARCHITECTURE. AS IN PAST STORE DESIGN PROBLEMS, A GREAT MANY STUDENTS OVER-EMPHASIZED THE USE OF MONUMENTAL STAIRCASES AND OVERLY RICH DECORATIVE BACKGROUNDS.

THE PROGRAM PROVIDED THAT THE STORE BE PLACED ON AN INSIDE LOT WITH A FRONTAGE OF 40 FEET AND A DEPTH OF 100 FEET. THE PROGRAM DID NOT DETERMINE WHETHER THIS WAS TO BE A FLAT OR SLOPING SITE OR WHETHER THERE WAS TO BE A SERVICE ALLEY FOR DELIVERIES AT THE REAR OF THE LOT. THE MAJORITY OF STUDENTS ASSUMED A REAR SERVICE ALLEY, AND A GOOD MANY BASED THEIR SOLUTION ON THE USE OF A SLOPING LOT. SINCE THE JURY FELT THAT EVERY STUDENT WAS FREE TO ASSUME A FLAT OR SLOPING SITE OR LOT AND TO USE REAR SERVICE ACCESS, EACH PROBLEM WAS JUDGED ON ITS OWN SUCCESS IN MEETING THE CONDITIONS ELECTED.

A LARGE NUMBER OF SUBMISSIONS ARRANGED THE VARIOUS SPACE ELEMENTS ON SEVERAL DIFFERENT LEVELS. A TYPICAL PLAN WAS ONE IN WHICH THE SALES SPACE WAS PLACED ON THE ENTRANCE LEVEL, SERVICE AND STORAGE IN THE BASEMENT, WITH ONE STUDIO ON THE ENTRANCE LEVEL AND THE REMAINING TWO STUDIOS ON A MEZZANINE. OTHER SOLUTIONS HAD PLANS WHERE THE THREE STUDIOS WERE GROUPED TOGETHER ON THE FIRST FLOOR LEVEL OR ON A MEZZANINE. ONE SOLUTION WHICH WAS VERY INTERESTING IN SECTION PLACED MEZZANINE AND BASEMENT LEVELS A HALF FLIGHT UP AND DOWN FROM THE ENTRANCE SALES LEVEL, THUS CUTTING VERTICAL CIRCULATION TO A MINIMUM. HAD THIS SOLUTION BEEN BETTER STUDIED IN OTHER RESPECTS, IT WOULD HAVE RECEIVED A HIGHER AWARD.

C.PATTERSON, WESTERN RESERVE UNIVERSITY, CLEVELAND - FIRST MENTION PLACED: RECEIVED THE AWARD BECAUSE HIS WAS THE ONLY DESIGN WHICH FULLY SOLVED EVERY ELEMENT OF THE PROBLEM LOGICALLY AND ECONOMICALLY, AND AT THE SAME TIME INTERPRETED THE MERCHANDISING AND ARCHITECTURAL DETAILS OF THE STORE IN AN IMAGINATIVE WAY. HE PLACED THE SALES SPACE ON THE FIRST FLOOR LEVEL WITH A WELL ORGANIZED SERVICE AREA IMMEDIATELY BEHIND IT. INCOMING STOCK CAN BE BROUGHT DIRECTLY INTO THIS SERVICE AREA FROM A REAR LOADING PLATFORM OR OUTGOING MERCHANDISE CAN BE PACKED AND SHIPPED FROM THE SAME SERVICE AREA WITH A MINIMUM OF HANDLING. THREE STUDIOS OVERLOOK THE SALES SPACE FROM THEIR LOCATION ON A BALCONY IMMEDIATELY ABOVE AND ARE INTIMATELY CONNECTED WITH THE SALES SPACE BY A WELL DESIGNED AND LOCATED STAIRCASE. THE STUDIOS THEMSELVES ARE AMPLE IN SIZE AND WELL LIGHTED. ON THE SALES FLOOR, IT IS NOTABLE THAT ALL DEPARTMENTS ARE WELL ORGANIZED AND WELL LOCATED IN RELATION TO ONE ANOTHER. IN CONTRAST TO SOME OTHER SUBMISSIONS THERE IS NO ACTIVE SELLING ON THE BALCONY. THIS WAS CONSIDERED TO BE AN ADVANTAGE FROM A MERCHANDISING ANGLE AS IT INSURES ALL SALES DEPARTMENTS EQUAL CUSTOMER TRAFFIC. THE STORE FRONT IS ORGANIZED AS A SIMPLE WEATHERPROOF SCREEN THROUGH WHICH SIDEWALK WINDOW-SHOPPERS CAN VIEW THE SALES SPACE AND THE STUDIO BALCONY. THE ENTIRE INTERIOR OF THE STORE IS THUS ORGANIZED AS A DRAMATIC SHOWCASE EFFECTIVELY ADVERTISING THE CHARACTER OF THE ESTABLISHMENT.

THE DESIGN SUBMITTED BY S.S.BIGELOW, UNIVERSITY OF ILLINOIS - FIRST MENTION, WAS ONE OF THE SIMPLEST AND BEST ORGANIZED OF THOSE DESIGNS RECEIVING A FIRST MENTION. THE JURY FELT THAT THE SALES AREA WAS PARTICULARLY WELL STUDIED FOR DEPARTMENTAL ORGANIZATION, LIGHTING, AND EQUIPMENT. THE OPERATING CONVENIENCE GAINED BY PLACING THE THREE STUDIOS IMMEDIATELY BEHIND THE SALES AREA ON THE SAME LEVEL WAS SOMEWHAT OFFSET BY THE SLIGHTLY UNPLEASANT CONNECTION BETWEEN SALES AREA AND STUDIOS. THIS CONNECTING LINK MIGHT HAVE BEEN MORE OPEN AND INVITING. SPACE ARRANGEMENT IN THIS PROBLEM WAS UNIQUE AND BOTH ECONOMICAL AND PRACTICAL. THE VISUAL OPEN FRONT WAS WELL ORGANIZED FOR ADVERTISING VALUE AND MERCHANDISE DISPLAY.

ANOTHER INTERESTING ARRANGEMENT OF THE THREE ELEMENTS OF THE PROBLEM WAS PRESENTED BY R.N.CHAPPELLE, UNIVERSITY OF PENNSYLVANIA - FIRST MENTION. THE THREE STUDIOS ARE PLACED ON AN UPPER BALCONY; THE SALES AREA RUNS FROM STREET TO SERVICE ALLEY WITH AN OUTDOOR EXHIBITION GARDEN AT THE REAR; THE PART-BASEMENT IS USED FOR STORAGE AND MECHANICAL EQUIPMENT. THIS PROBLEM HAS PERHAPS THE MOST SPACIOUS SALES AREA BUT WOULD BE ALSO THE MOST EXPENSIVE TO BUILD. IT HAS UNIQUE ADVERTISING VALUE FOR BOTH SALES FUNCTIONS AND STUDIOS. THE VISUAL APPEARANCE OF THE STORE WOULD BE UNUSUALLY SUCCESSFUL BOTH INSIDE AND OUT. THE JURY WAS SOMEWHAT CRITICAL OF THE UPPER GLASS ROOF BECAUSE OF

THE HEATING PROBLEM IT PRESENTED, AND BECAUSE OF THE LIGHTING DIFFICULTIES INVOLVED IN BLENDING NATURAL AND ARTIFICIAL LIGHT IN THE SALES SPACE. THIS STORE MIGHT HAVE BEEN EQUALLY SUCCESSFUL WITH A MORE CONVENTIONAL ROOF.

THE PROBLEM BY H.R.SAVAGE, UNIVERSITY OF ILLINOIS - FIRST MENTION, SUFFERED FROM AN OVERLY MONUMENTAL STAIRCASE, AN AWKWARD DIVISION OF SALES DEPARTMENTS BETWEEN FIRST FLOOR AND BALCONY, AND A LESS ECONOMICAL USE OF SPACE THAN IN THE ABOVE MENTIONED PROBLEMS. ABOVE AND BEYOND THAT, ITS SPACE FOR MERCHANDISING, CHARACTER, AND DETAILS ARE BRILLIANTLY SOLVED. IN PARTICULAR, THE EXTENDED BALCONY WHICH FORMS A CANOPY OVER THE ENTRANCE DOOR WAS THE ONLY WELL HANDLED EXAMPLE OF ITS KIND AMONGST THE DRAWINGS SUBMITTED.

THE JURY VOTED A FIRST MENTION TO F.D.SHELLABARGER, UNIVERSITY OF ILLINOIS, FOR THE WELL HANDLED INTERIOR ORGANIZATION OF HIS PROBLEM AND ITS PLEASANT AND APPROPRIATE EXTERIOR APPEARANCE. THE MANNER IN WHICH THE SALES AREA, STUDIOS, AND SERVICE ELEMENTS ARE ARRANGED IS IMAGINATIVE AND INTERESTING BUT SOMEWHAT LUXURIOUS FOR THE SCOPE OF THE PROBLEM.

J.S.REPLINGER, UNIVERSITY OF ILLINOIS - FIRST MENTION, WAS NOTABLE FOR A SUCCESSFUL ATTEMPT TO CLEAR ALMOST THE ENTIRE ENTRANCE LEVEL FOR SALES BY LOCATING THE THREE STUDIOS ON AN UPPER BALCONY. ADDITIONAL STORAGE AND MECHANICAL EQUIPMENT AND RECEIVING DOCK ARE LOCATED AT A BASEMENT LEVEL. THE STORE FRONT AND SALES INTERIOR ARE WELL ORGANIZED AND WELL LIGHTED. LIKE THE PRECEDING PROBLEM, HOWEVER, SPACE AND EQUIPMENT COULD HAVE BEEN MORE ECONOMICALLY UTILIZED. THE DETAILED ARRANGEMENT OF THE SALES DEPARTMENTS IS TO BE ESPECIALLY COMMENDED.

THE PROBLEM SUBMITTED BY H.E.KAISER, UNIVERSITY OF ILLINOIS - FIRST MENTION, IS ALSO WELL PLANNED AND ADEQUATELY DETAILED. THE LOCATION AND ARRANGEMENT OF THE STUDIOS AND OF SERVICE AREAS, WHILE NOT AS CLEAN CUT A SOLUTION AS PRESENTED IN THE OTHER FIRST MENTIONS, IS ATTRACTIVE AND INTERESTING. THE EXTERIOR IS SIMPLE AND WELL ORGANIZED, THE LIGHTING HAS BEEN WELL STUDIED AND ADEQUATE ATTENTION HAS BEEN PAID TO MERCHANDISING DETAILS. THE FACT THAT THE SALES WAS SPLIT ON TWO LEVELS AND THAT THE PLASTICS STUDIO IS RATHER REMOTELY LOCATED IN RELATION TO THE SALES FLOOR COUNTED AGAINST THIS PROBLEM.

SUMMARY OF AWARDS:

1	FIRST MENTION PLACED	6	FIRST MENTION	34	MENTION
		31	NO AWARD	72	TOTAL SUBMITTED

GEORGIA SCHOOL OF TECHNOLOGY: MENTION- J.A.BERG, T.CRAIN, J.H.DODSON, L.H.ROBERTS.

OKLAHOMA AGRIC. & MECH. COLLEGE: MENTION- S.J.SHAFTEL.

UNIVERSITY OF ILLINOIS: FIRST MENTION- S.S.BIGELOW, H.E.KAISER, J.S.REPLINGER, H.R.SAVAGE, F.D.SHELLABARGER. MENTION- F.CALIBDO, J.W.CRUME, W.E.DYE, C.H.FISHER, R.L.FRIEDMAN, A.D.GOULD, C.T.JACKSON, J.W.KLUND, D.H.KNODLE, P.LLARENA, W.C.MARGGRAF, R.A.NELSON, J.E.NORMAN, J.P.REIF, W.G.SMITH, L.S.SPRINGER, T.F.TAYLOR, E.L.VERKLER, J.WOOD, J.P.WILLIS, S.ZYWOTOW.

UNIVERSITY OF NOTRE DAME: MENTION- R.W.DWYER, W.D.MAHONEY.
UNIVERSITY OF PENNSYLVANIA: FIRST MENTION- R.N.CHAPPELLE. MENTION-
S.D.CHAMBERLAIN, H.D.KRASNOFF, H.W.LEVY, D.O.MACFARLANE, J.H.WELSH.
WESTERN RESERVE UNIVERSITY, CLEVELAND: FIRST MENTION PLACED- C.PATTERSON.
MENTION- R.VROOMAN.

INDEX OF PHOTOSTATS

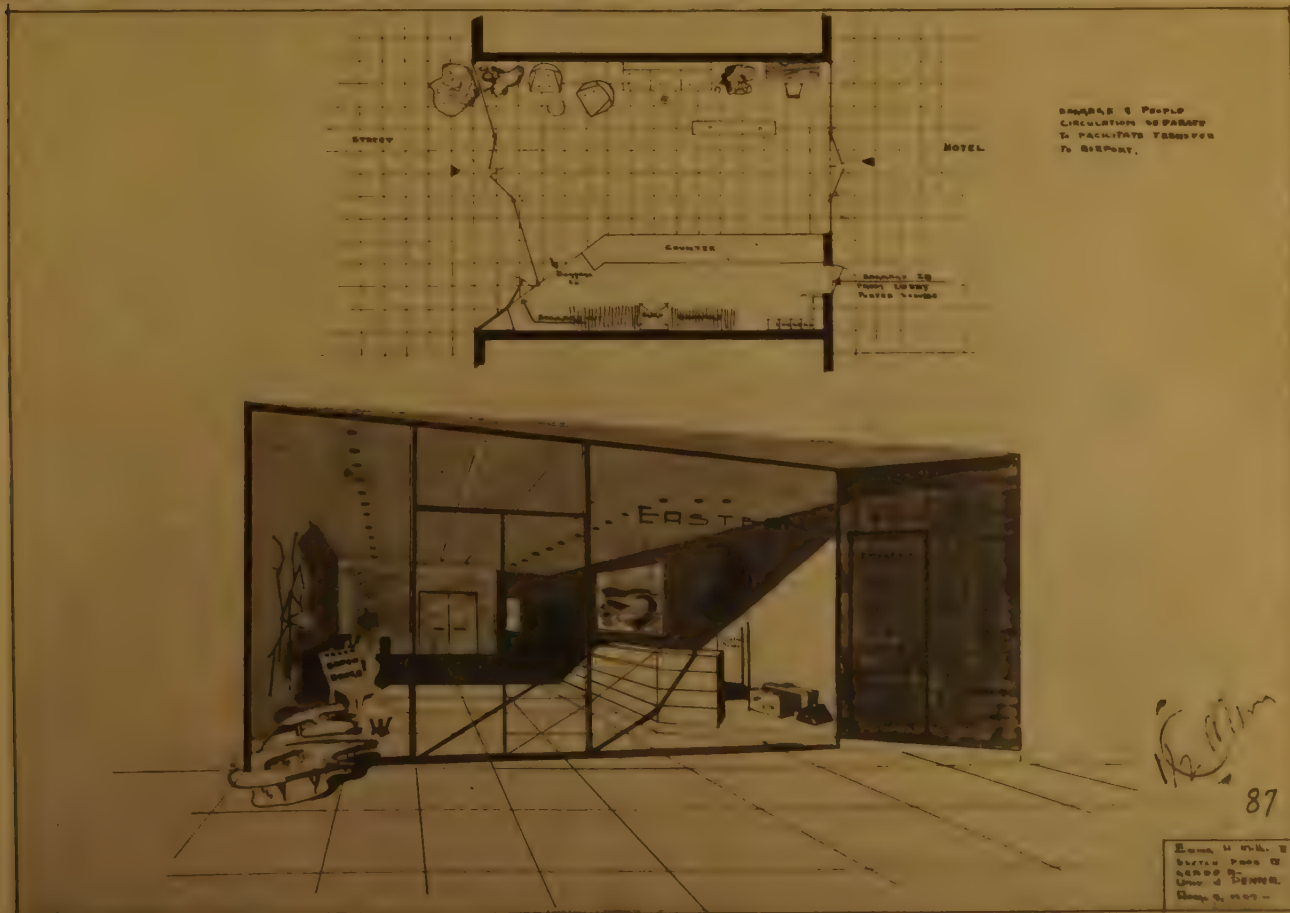
FREE PROBLEM - CLASS B PROBLEM V - A HANDICRAFT SHOP
AUGUST 12, 1947

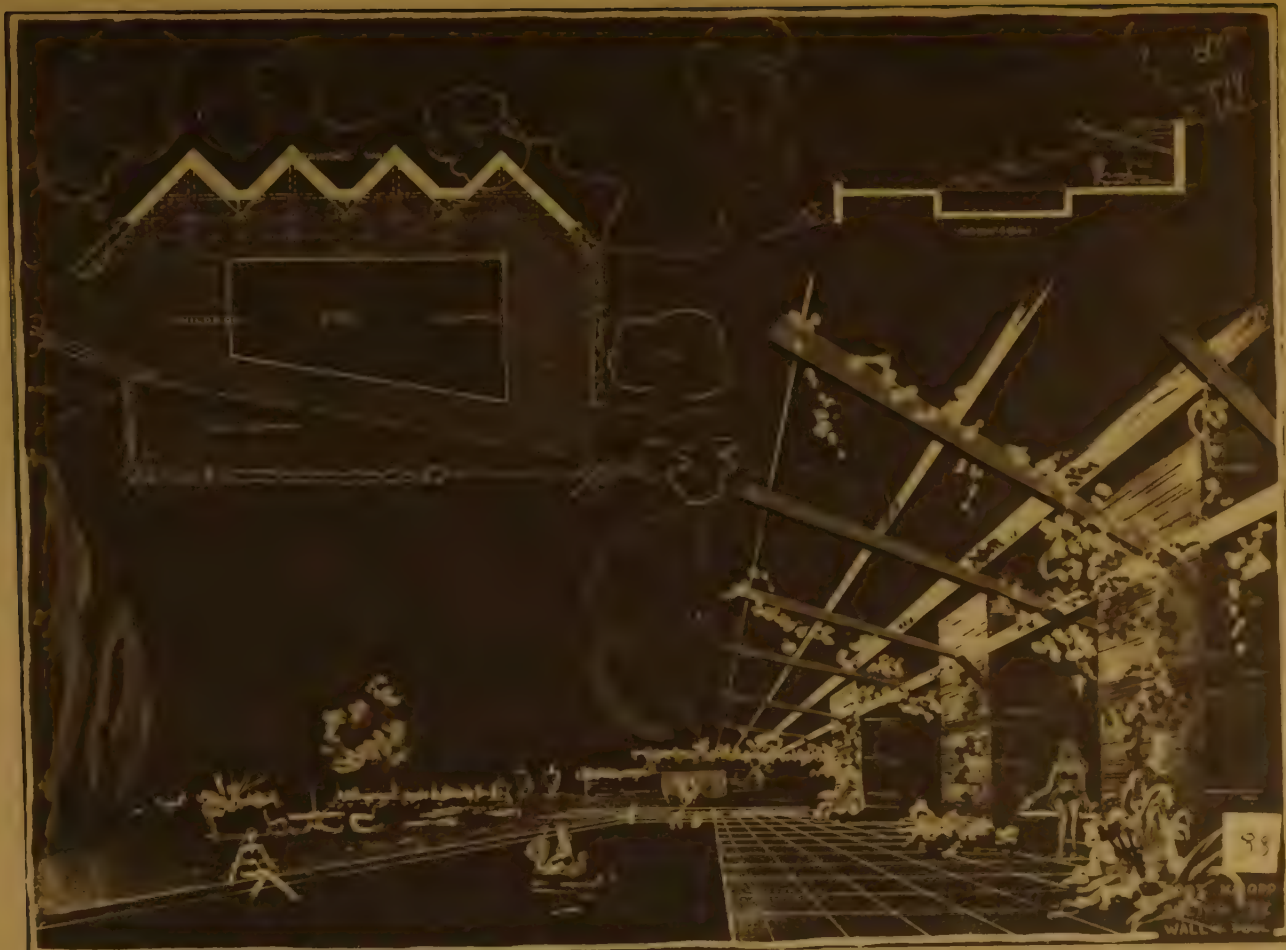
124.	C.PATTERSON, WESTERN RESERVE UNIVERSITY	FIRST MENTION PLACED
125.	S.S.BIGELOW, UNIVERSITY OF ILLINOIS	FIRST MENTION
126.	R.N.CHAPPELLE, UNIVERSITY OF PENNSYLVANIA	FIRST MENTION
127.	H.R.SAVAGE, UNIVERSITY OF ILLINOIS	FIRST MENTION
128.	F.D.SHELLABARGER, UNIVERSITY OF ILLINOIS	FIRST MENTION
129.	J.S.REPLINGER, UNIVERSITY OF ILLINOIS	FIRST MENTION
130.	H.E.KAISER, UNIVERSITY OF ILLINOIS	FIRST MENTION

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A COPY OF THE REPORT MAY BE HAD FOR 10 CENTS.
REMITTANCE MUST ACCOMPANY ORDER.

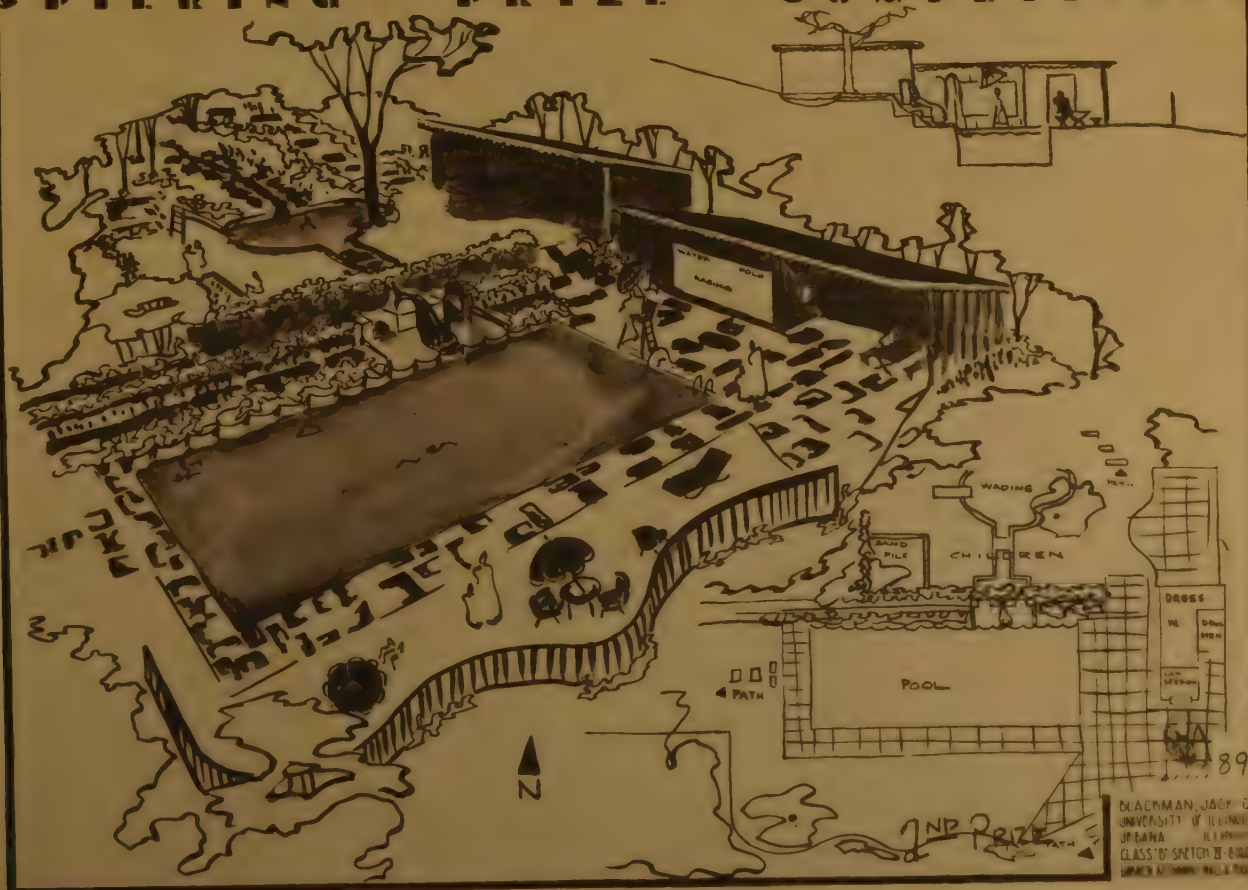


AN AIRLINE TICKET OFFICE





SPIERING PRIZE COMPETITION



89
 DRAKMAN, JACOB C.
 UNIVERSITY OF ILLINOIS
 CHICAGO
 CLASS OF SKETCH II - 1910
 JAMES ALTHAM, WALL & PAUL



76

GEORGE W. WARD
L. & SON
ARCHT. &
GARDEN DESIGNERS
WALL & POOL



91

R. DODGE, ALLEN
NO. 11
ARCHT. & GARDEN
DESIGNERS
WALL AND POOL



GROUND FLOOR PLAN

MICHIGAN AVENUE



FIFTH THRU SEVENTH



SECOND



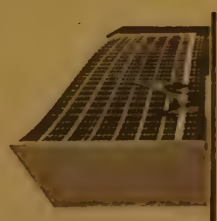
THIRD



FOURTH



EIGHTH



PERSPECTIVE



NORTH ELEVATION AT TWILIGHT



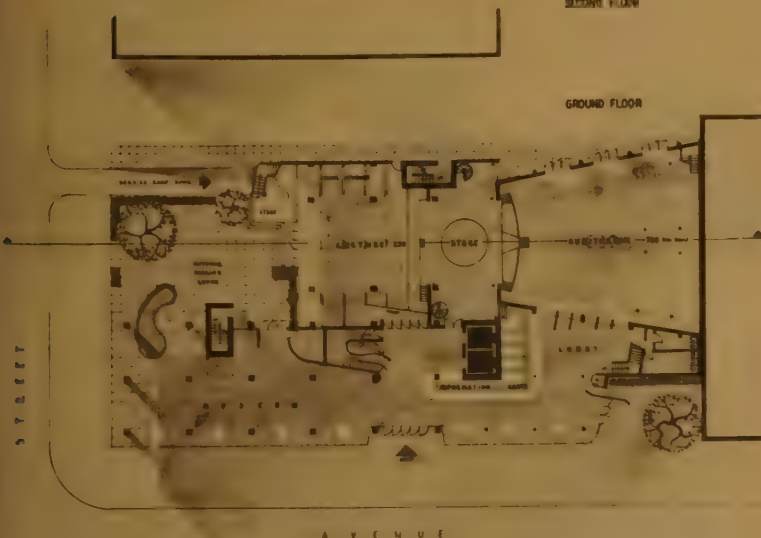
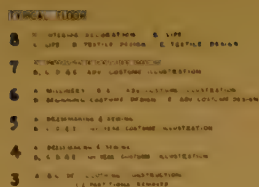
SECTION A-A

1. MEDICAL & PHYSICIAN'S OFFICE

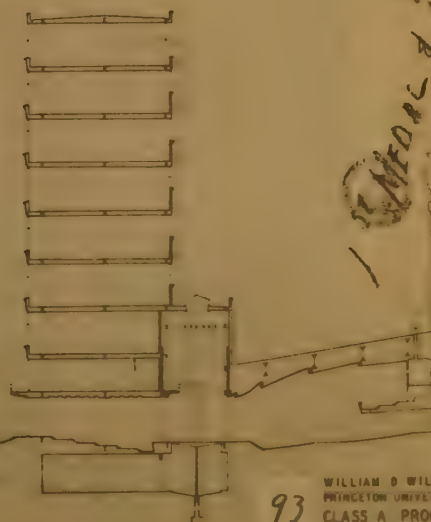
	A	B	C	D	E
FIFTH FLOOR	100 sq ft	100 sq ft	100 sq ft	100 sq ft	100 sq ft
SIXTH FLOOR	100 sq ft	100 sq ft	100 sq ft	100 sq ft	100 sq ft
SEVENTH FLOOR	100 sq ft	100 sq ft	100 sq ft	100 sq ft	100 sq ft

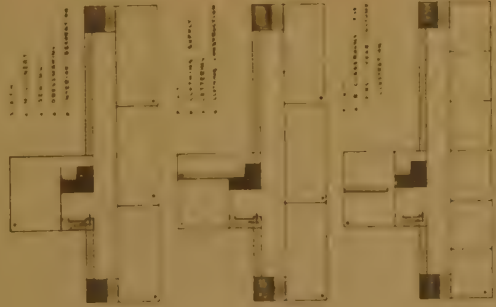
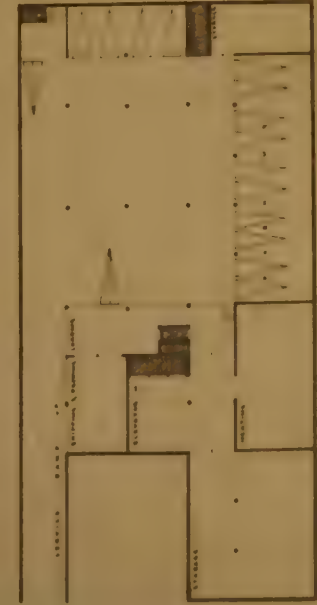
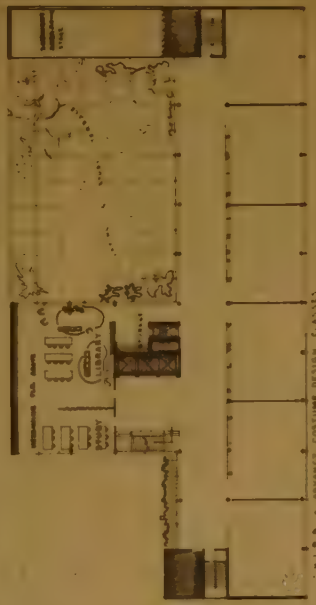
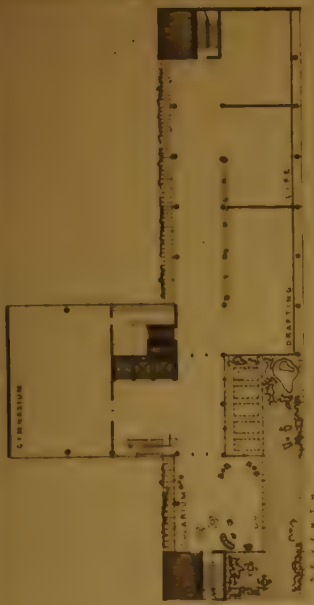
BUILDING LOCATED IN CHICAGO, ILL.

A HARBOR FOR VASHTON DESIGN 92

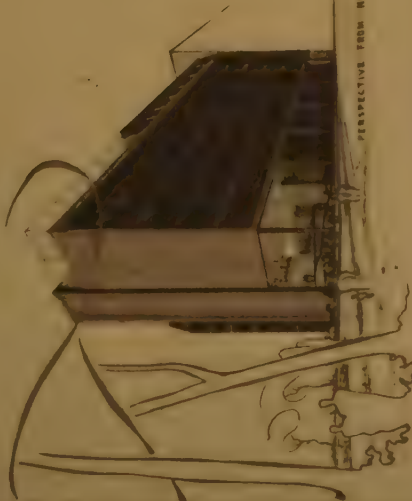


DALLAS, TEX.

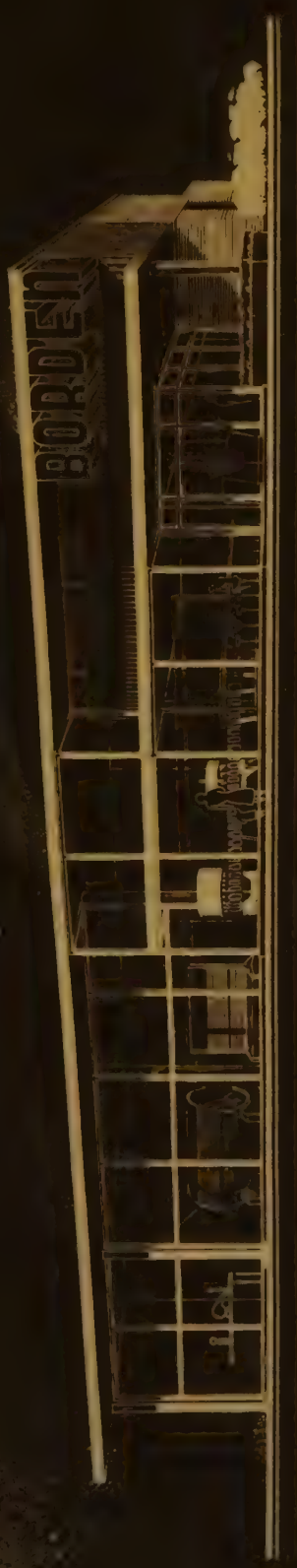




- A SCHOOL WHERE STYLE
- FASHION ARE THE THEME
- DESIGNED FOR 750 STUDENTS
- AUDITORIUM FOR FASHION SHOWS
- MUSEUM AVAILABLE TO PUBLIC
- EXHIBIT CORRIDORS
- DIPECT ELEVATOR SERVICE TO
- MUSEUM, LIBRARY & SUPPLY
- LARGE TERRACE ON THIRD AS WELL AS SOLARIUM TERRACE



PERSPECTIVE FROM NORTHEAST



KAMNELL PRIZE



PLOT PLAN
SCALE 1" = 10'-0"



MILK BAR DETAIL
SCALE 1" = 1'-0"



BASEMENT
SCALE 1" = 1'-0"



SECOND FLOOR
SCALE 1" = 1'-0"



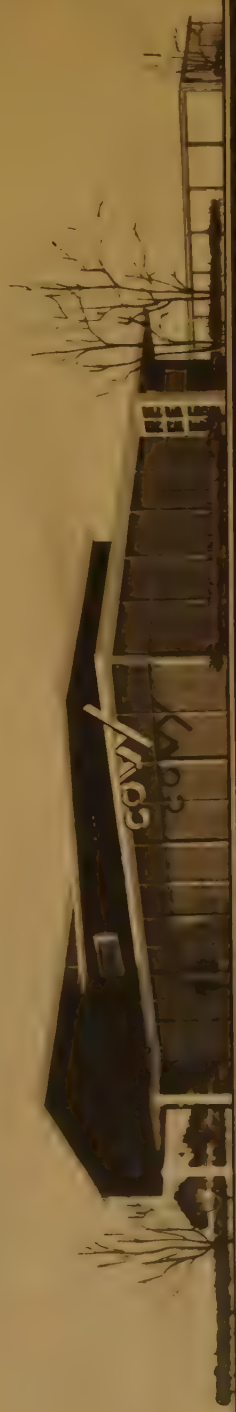
FIRST FLOOR
SCALE 1" = 1'-0"



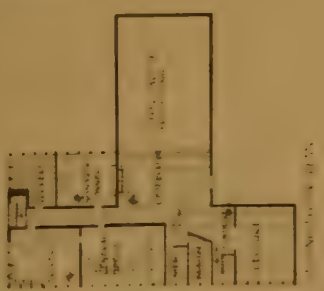
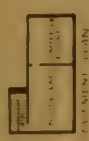
SECTION
SCALE 1" = 1'-0"

GEORGE SCHWAB
IMMEDIATELY ON SITE
GRADE 1'-0" TO 1'-6"
IN PLANT

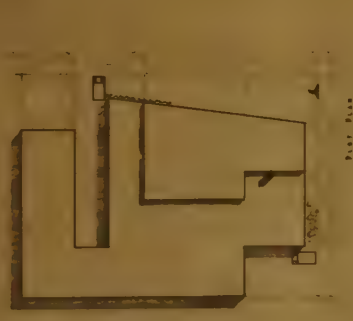
KAWNEER BEE



2nd Floor
 1st Floor



H. K. K...
 11 P...



First Floor



Second Floor



Basement



Basement

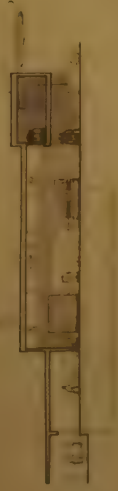


Basement



Basement

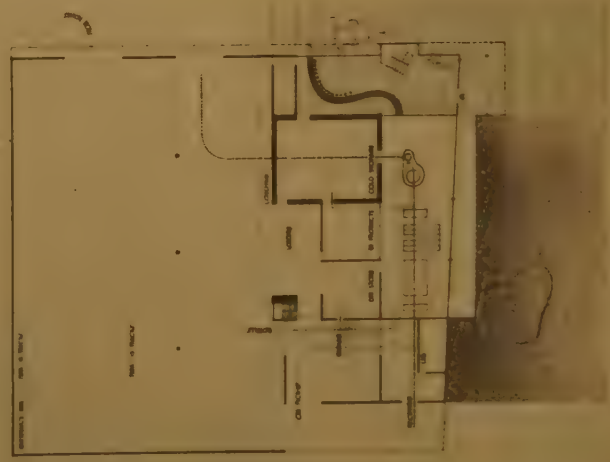




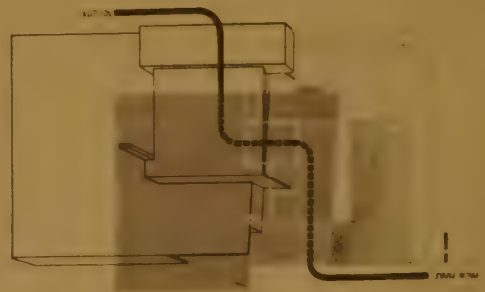
SECTION THROUGH ROOM



SECOND FLOOR



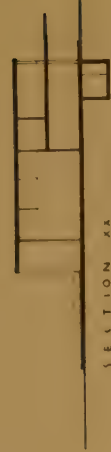
pasteurization plant kawneer prize



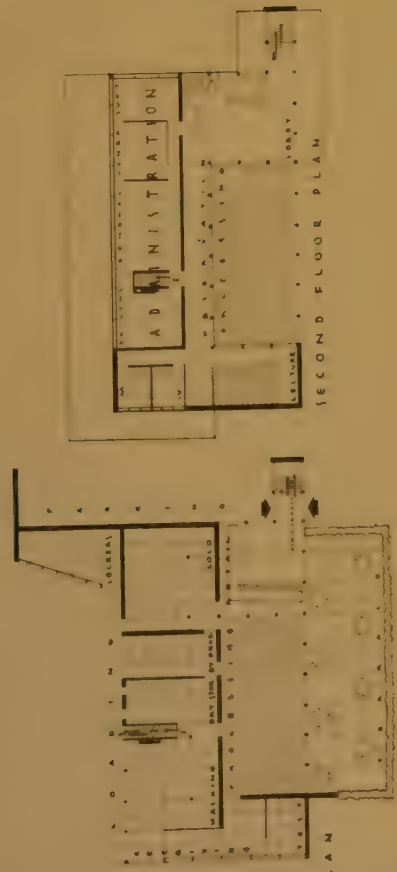
GROUND



BASEMENT



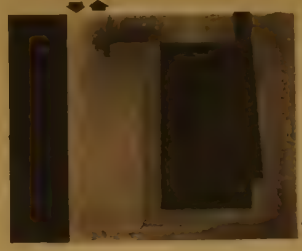
SECTION AA



FIRST FLOOR PLAN



SECOND FLOOR PLAN



PLOT PLAN



SECTION

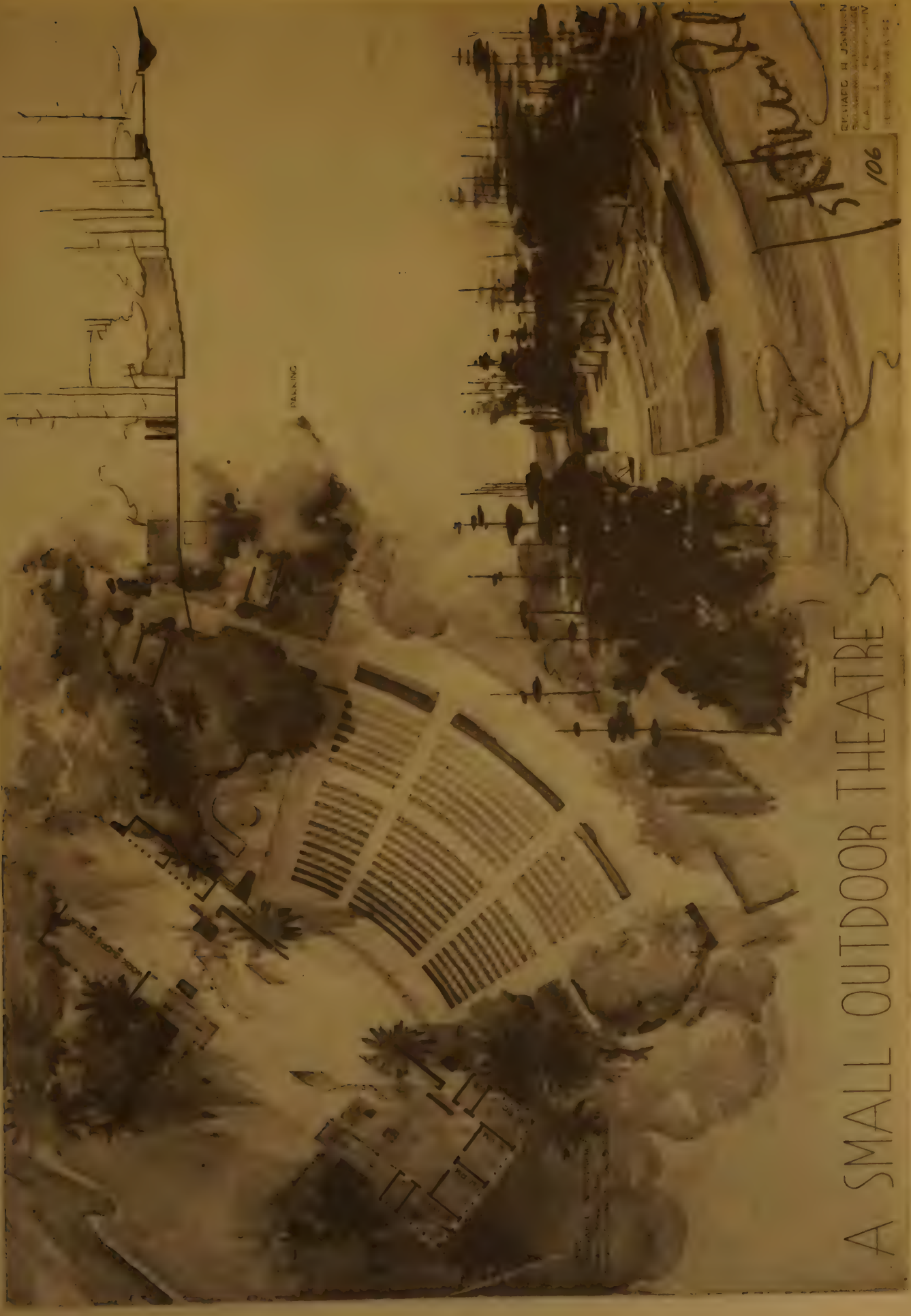
AN OUTDOOR THEATRE



PLAN
SCALE - 1/4" = 1'-0"

5/11/105

James O. Marshall
OKLA. A. & M. College
CLARK C. Price 4
A. Marshall
OUTDOOR THEATRE



A SMALL OUTDOOR THEATRE

EDWARD H. JOHNSON
ARCHITECT
106



Hand painted
stage to provide
contrast to both sides

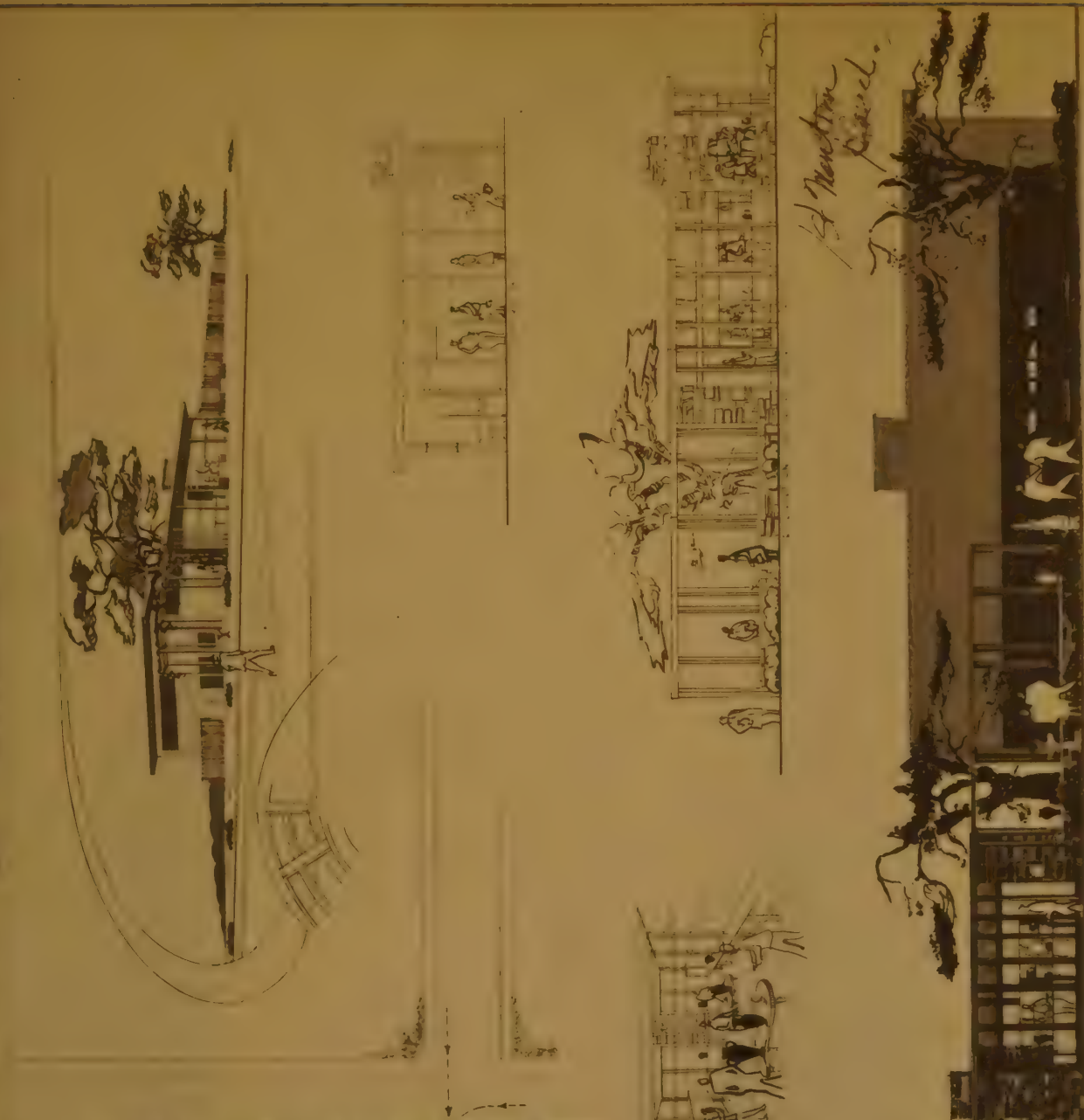
107

107

107

AN OUTRAGED THEATRE





A ROADSIDE DISPLAY STAND

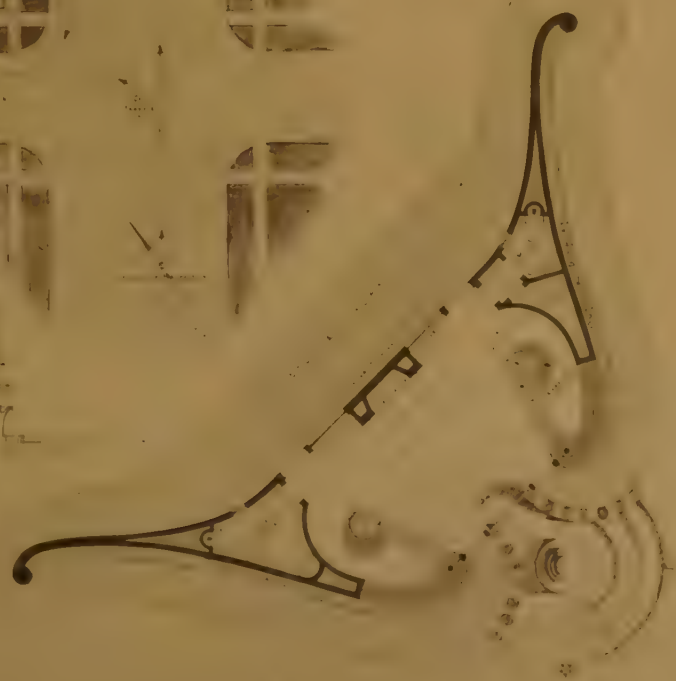
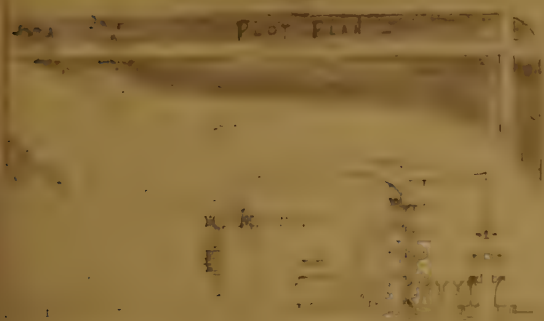
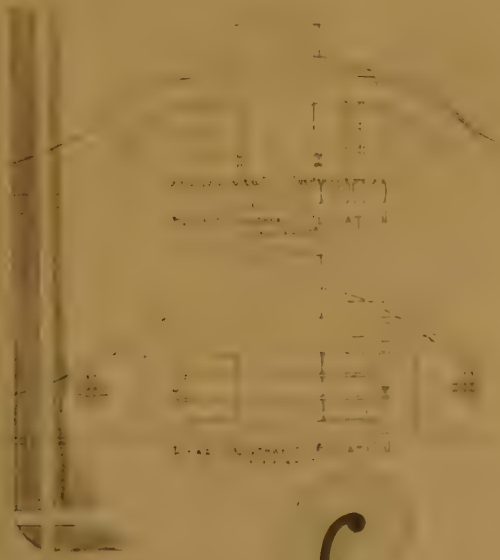
1st Montana
Packed

POTTERY DISPLAY SHOP



Scale 1" = 10'





St. Martin's Church



Martin

113

A COVER FOR AN ARCHITECTURAL MAGAZINE

WITH HOUSES AND
DESIGNS TO COME
EVERY MONTH



Martin

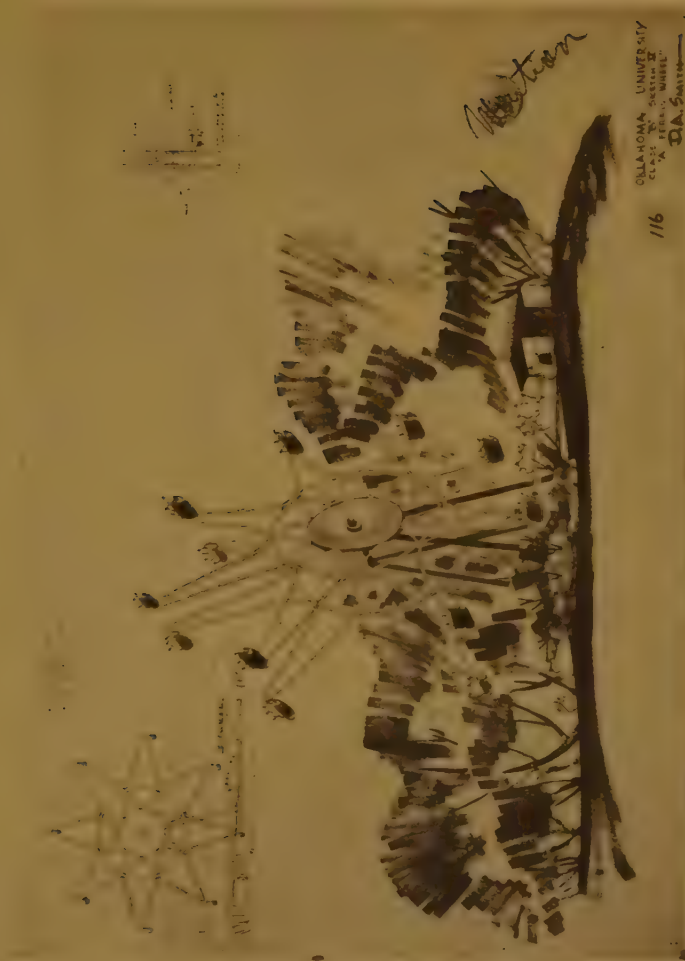
A MAGAZINE

115



Martin

114



OKLAHOMA UNIVERSITY
GEORGE W. HARRIS
"A FERRIS WHEEL"
D.A. SMITH

116

Mention



117

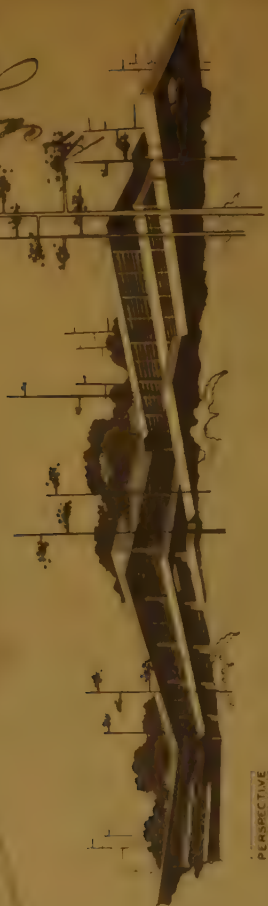
Mention

325





NOTE BUILDING LOCATED IN SAUGATUCK, MICHIGAN

[illegible]

ELEVATION. "

120

PLOT PLAN

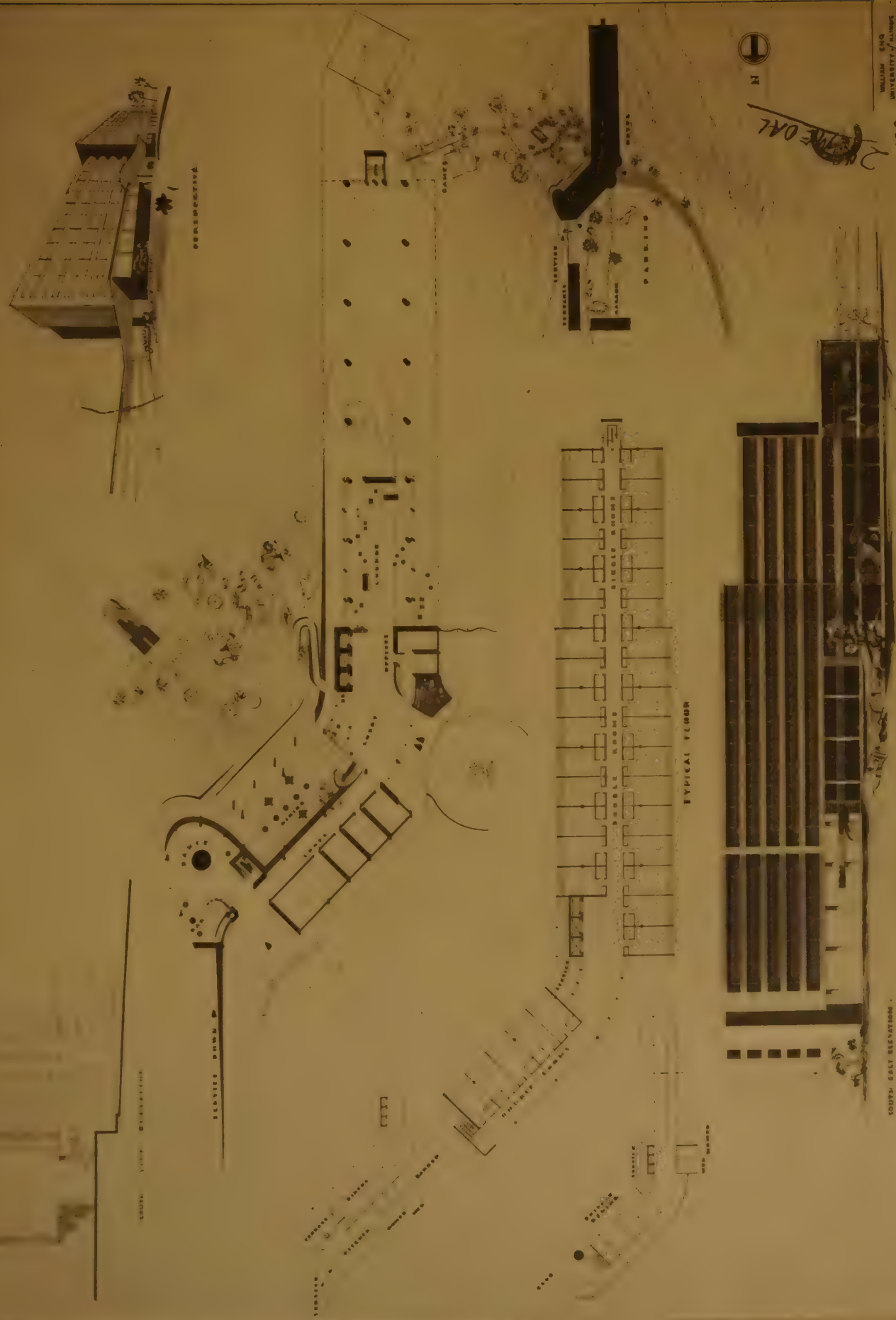
REF. 13811

200 M. 130

LOWELL R. FLOUB-
SCALE No. 1-07



720-3604



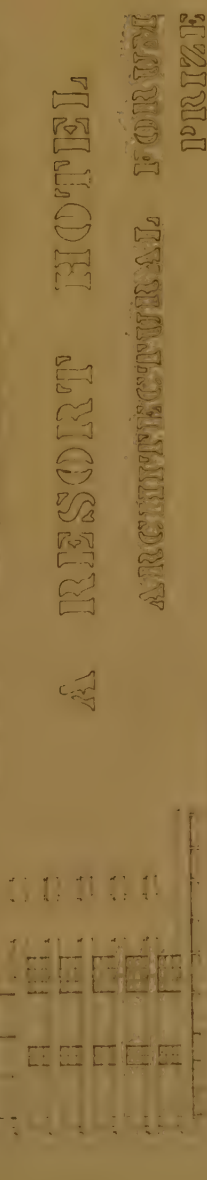
SOUTH - EAST ELEVATION



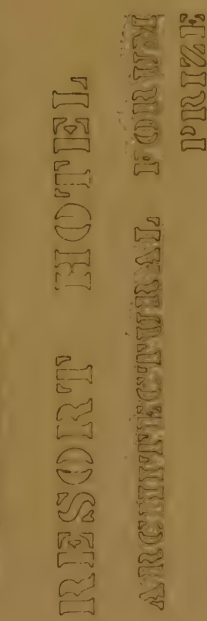
NOTES: 1. ALL BUILDINGS TO BE CONSTRUCTED OF BRICK OR CONCRETE. 2. ALL ROADS TO BE PAVED. 3. ALL UTILITIES TO BE INSTALLED BEFORE CONSTRUCTION BEGINS. 4. ALL LANDSCAPING TO BE COMPLETED BEFORE OPENING.



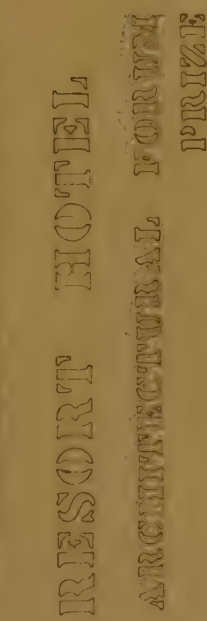
TYPICAL FLOOR PLAN



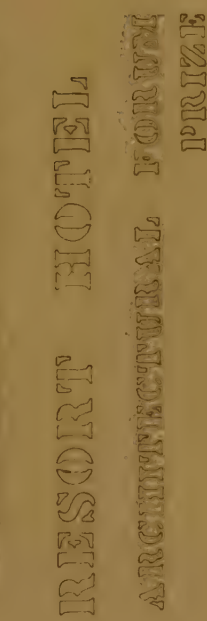
TYPICAL FLOOR PLAN



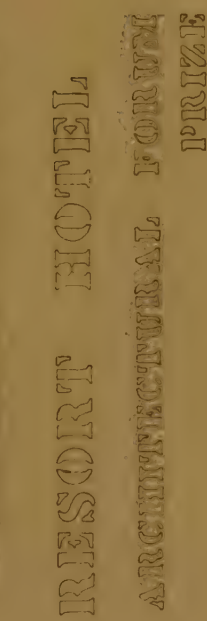
TYPICAL FLOOR PLAN



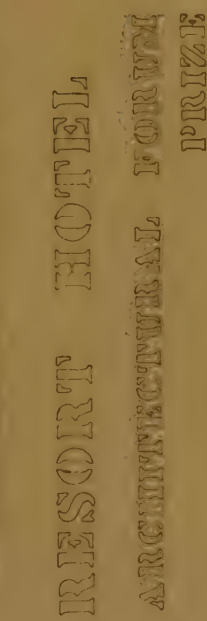
TYPICAL FLOOR PLAN



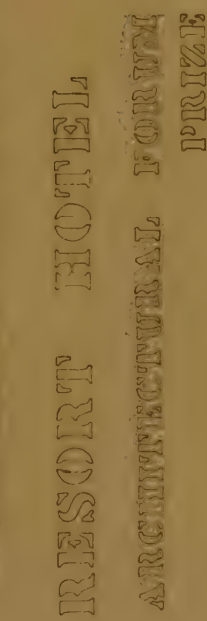
TYPICAL FLOOR PLAN



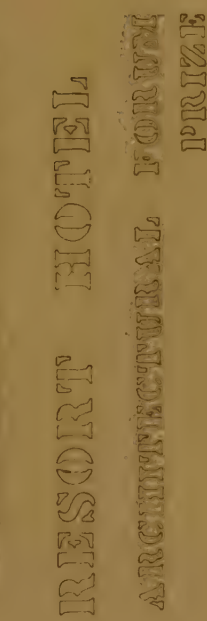
TYPICAL FLOOR PLAN



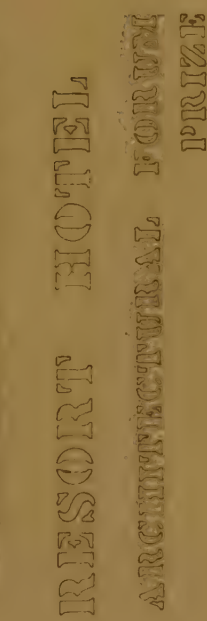
TYPICAL FLOOR PLAN



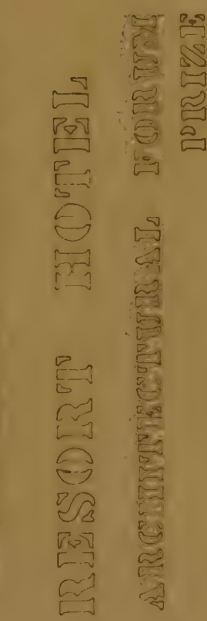
TYPICAL FLOOR PLAN



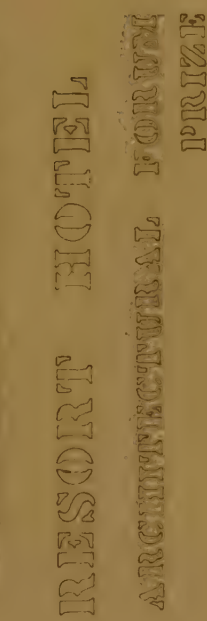
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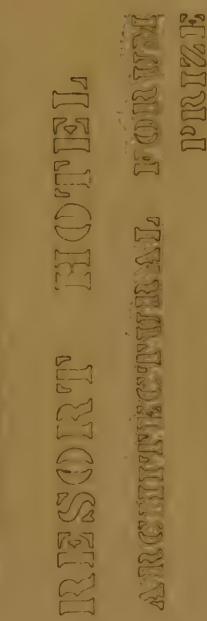
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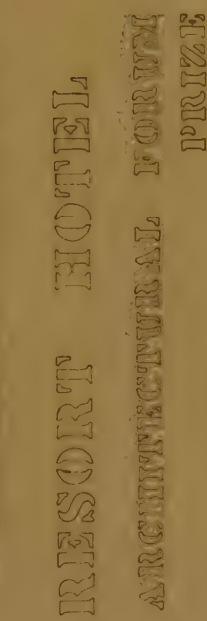
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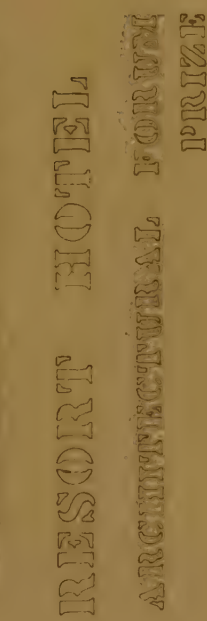
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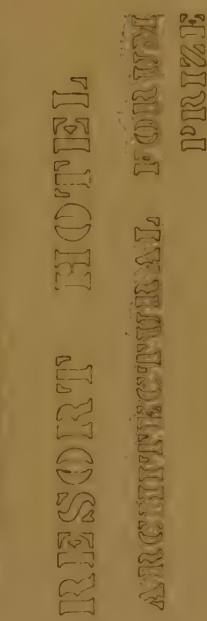
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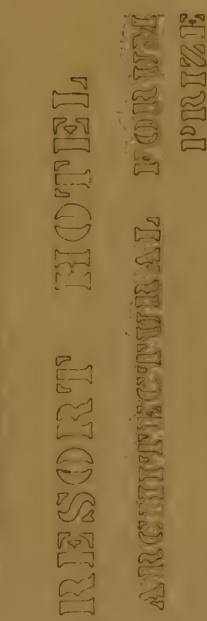
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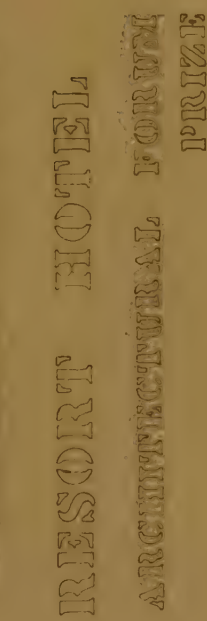
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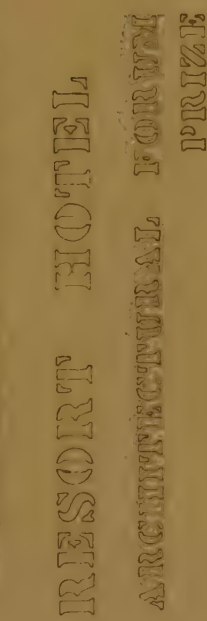
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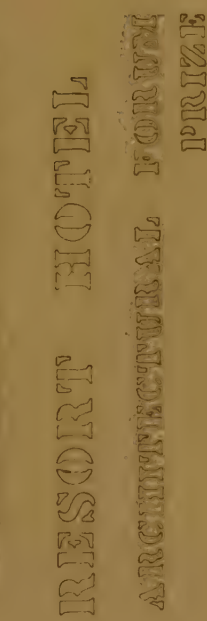
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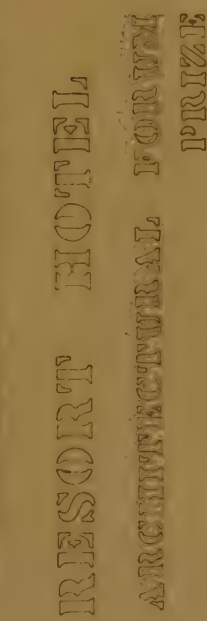
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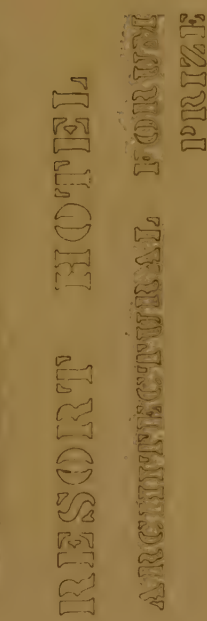
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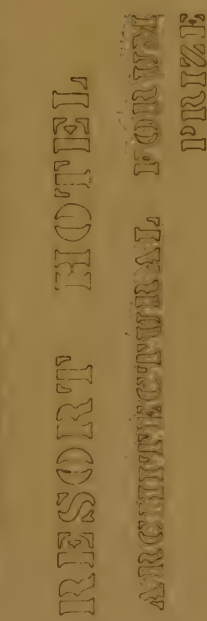
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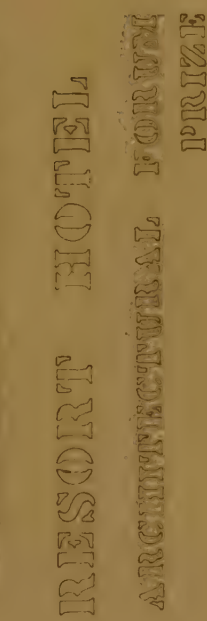
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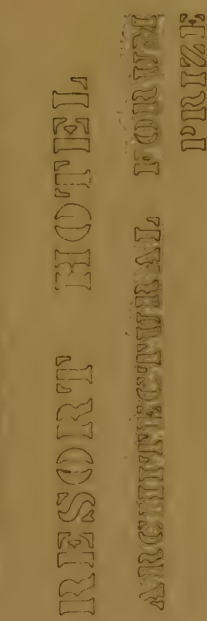
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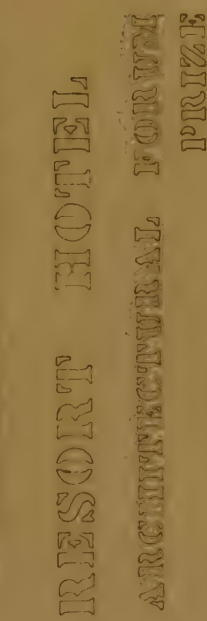
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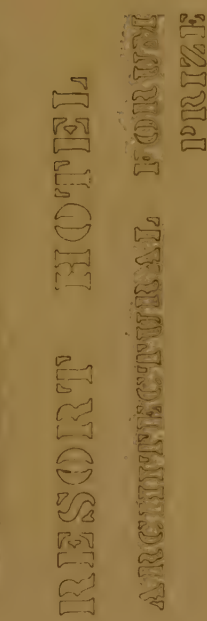
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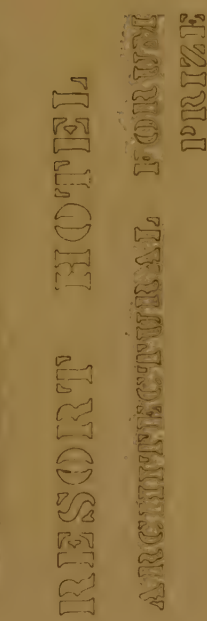
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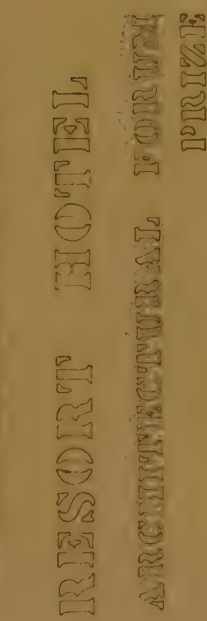
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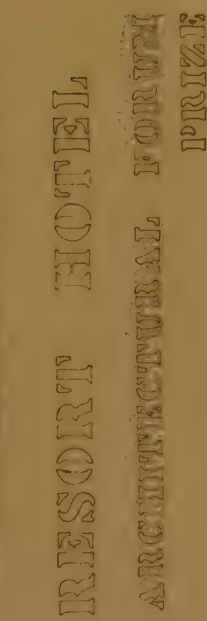
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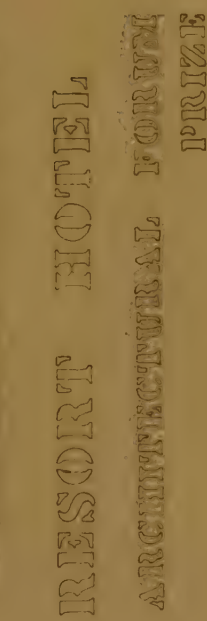
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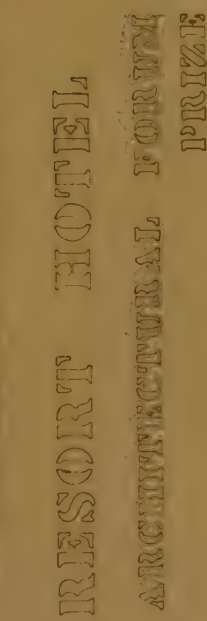
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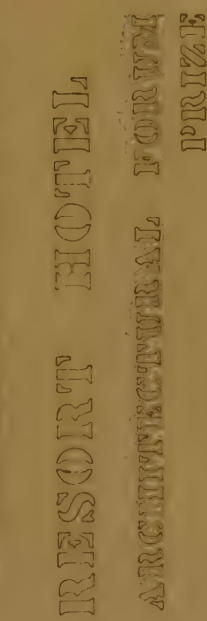
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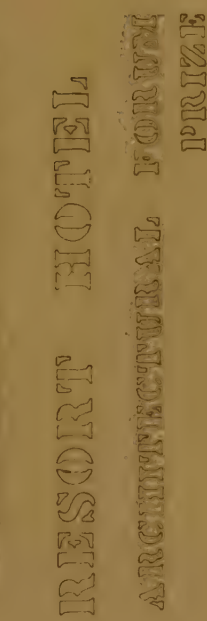
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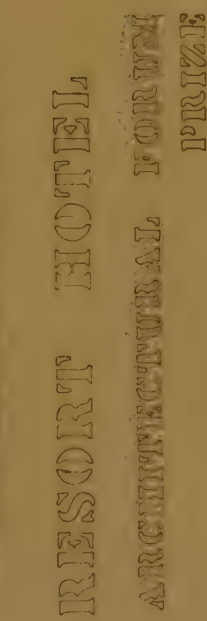
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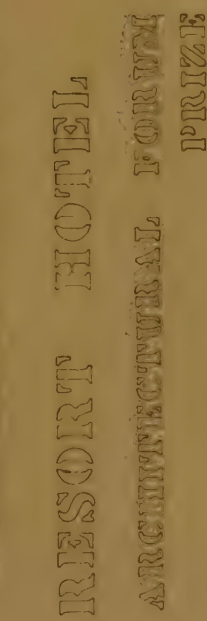
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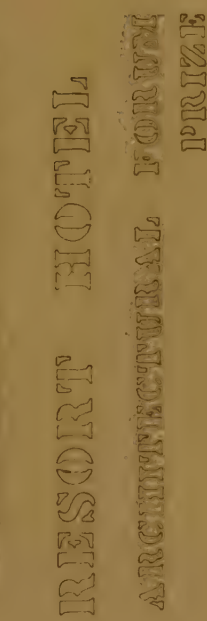
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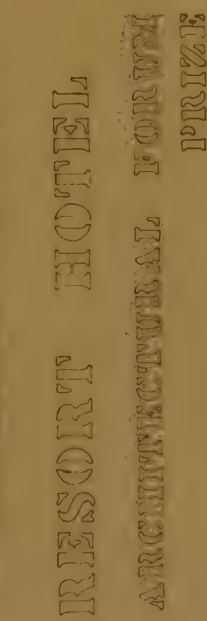
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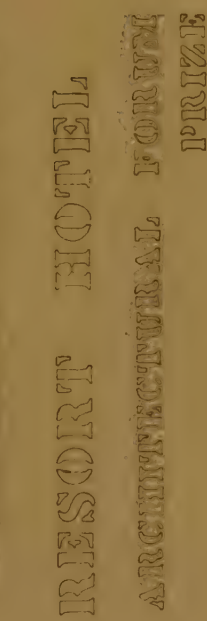
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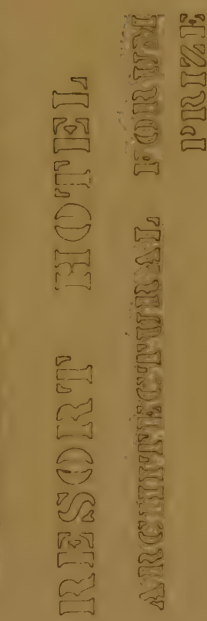
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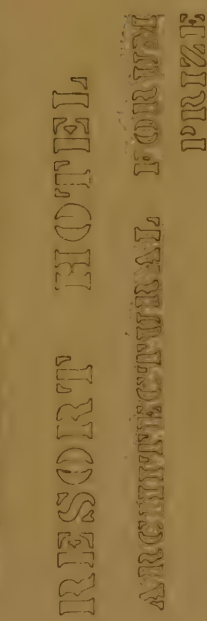
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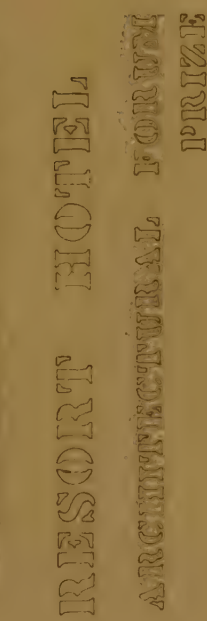
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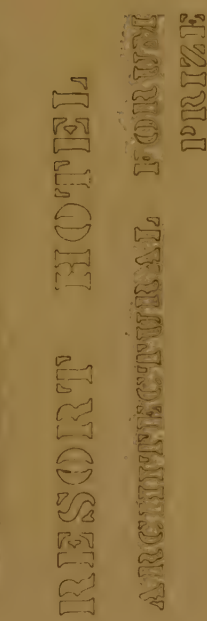
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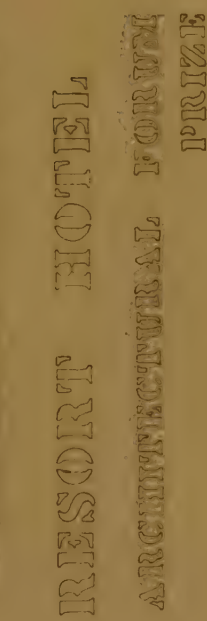
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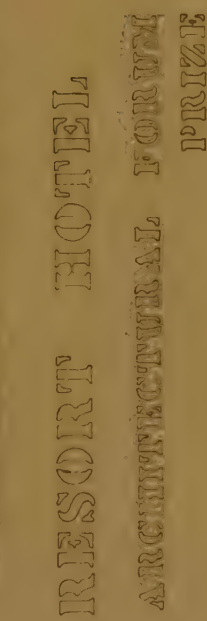
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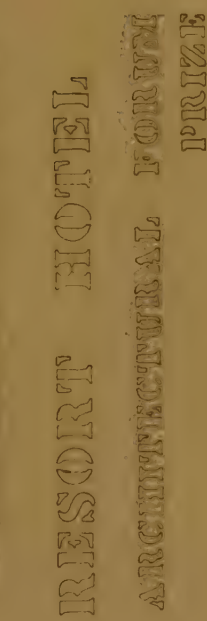
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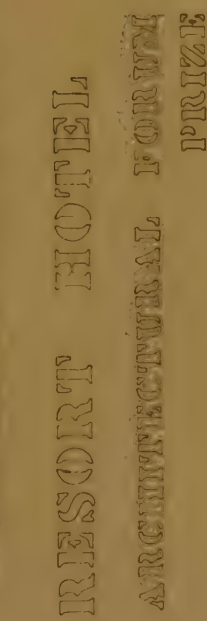
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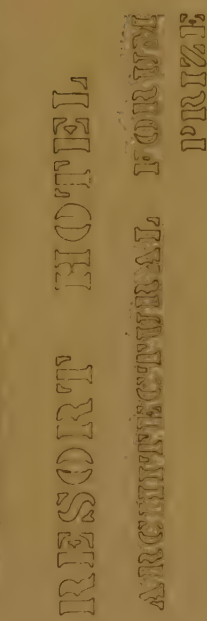
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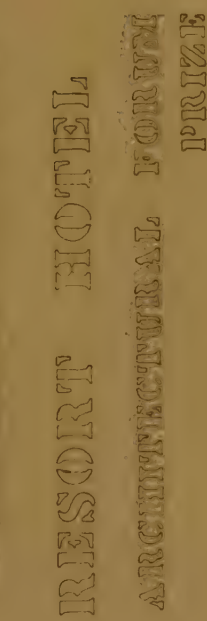
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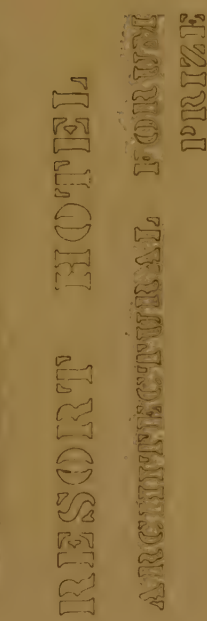
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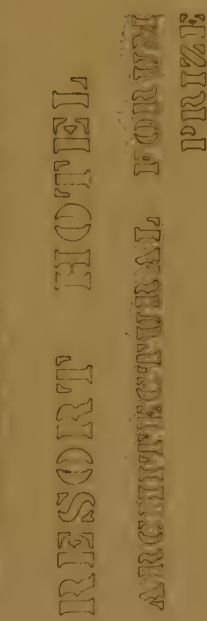
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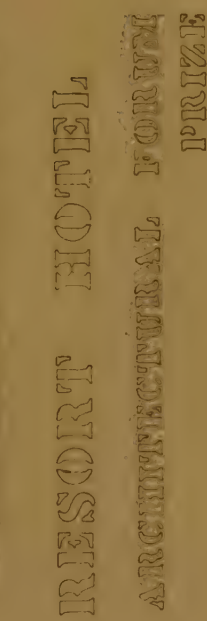
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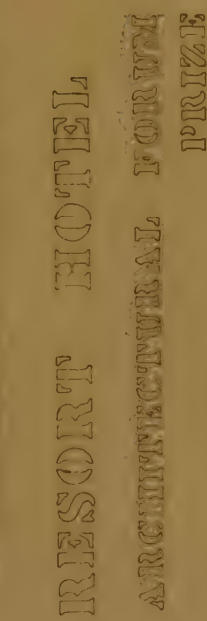
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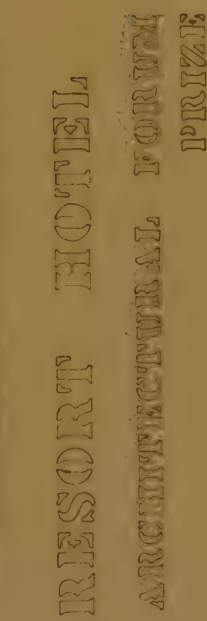
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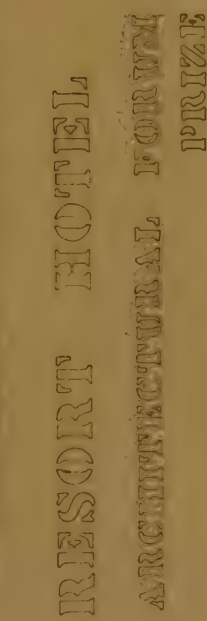
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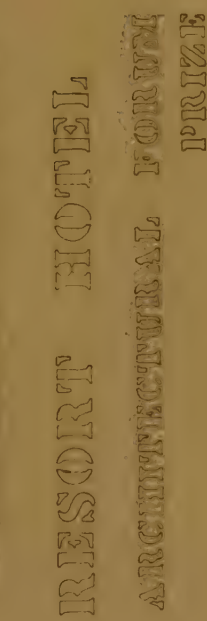
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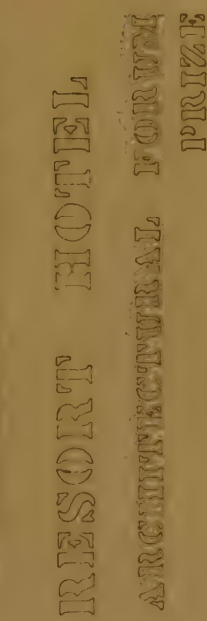
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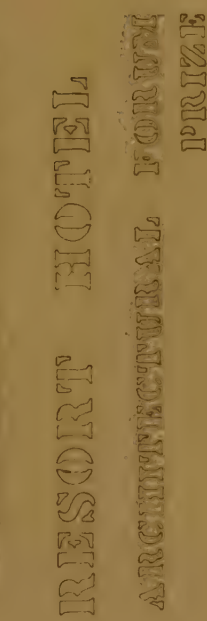
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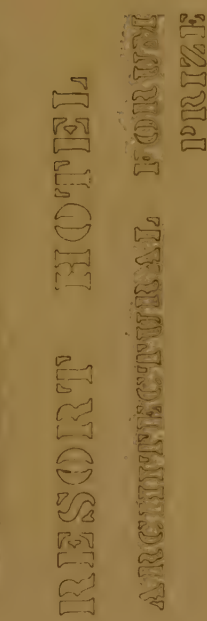
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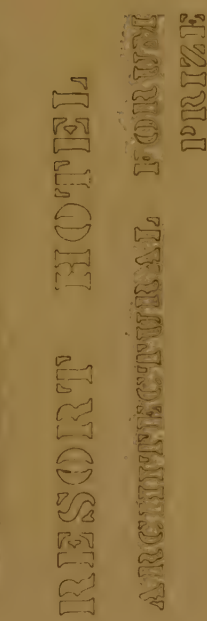
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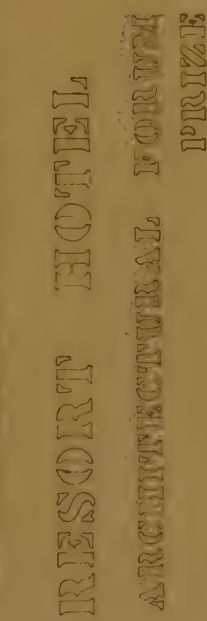
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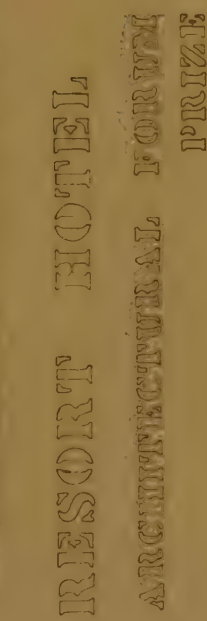
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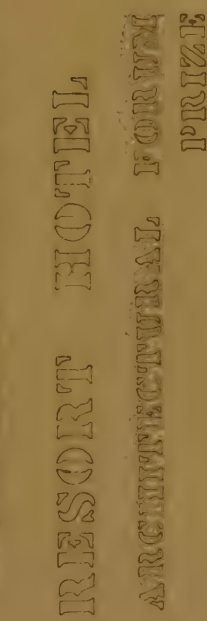
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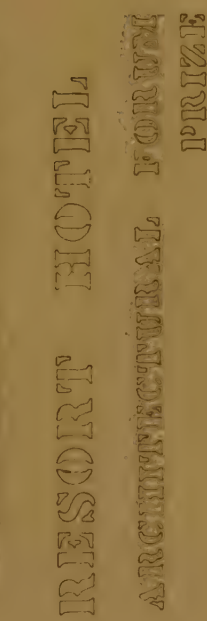
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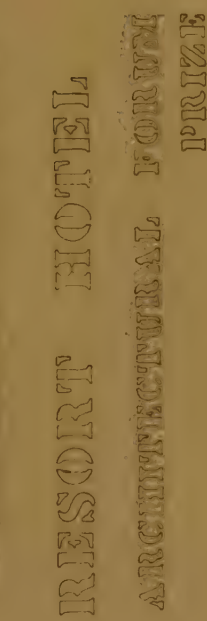
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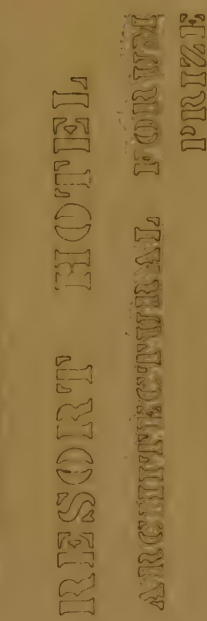
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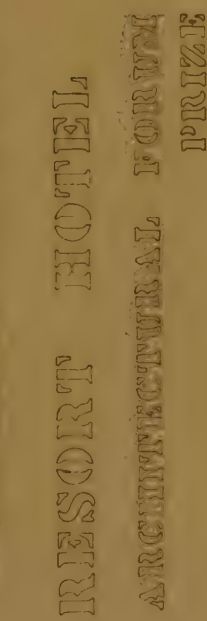
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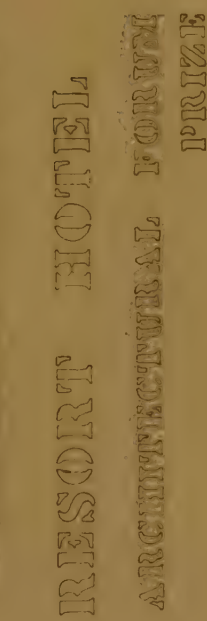
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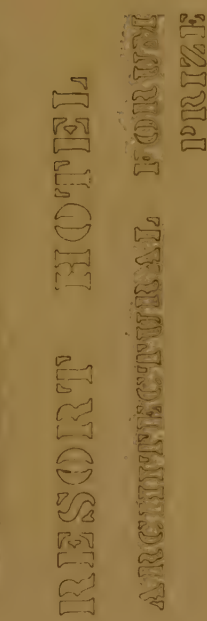
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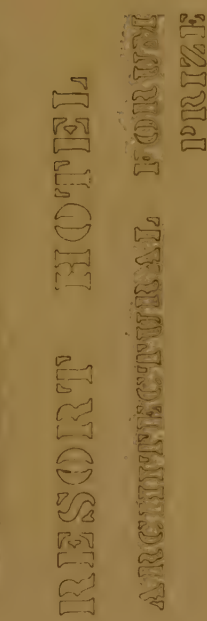
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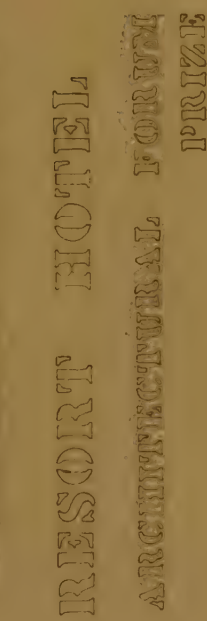
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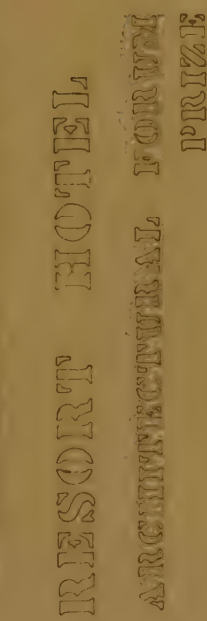
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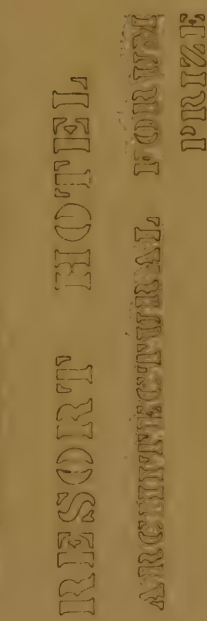
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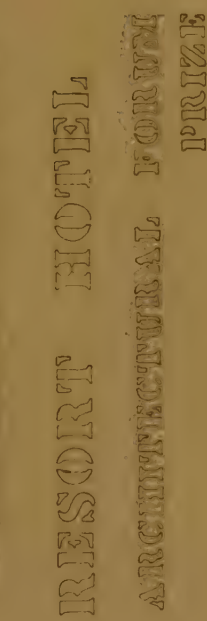
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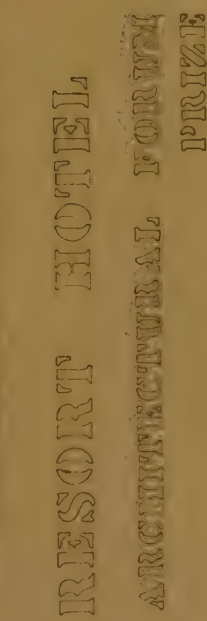
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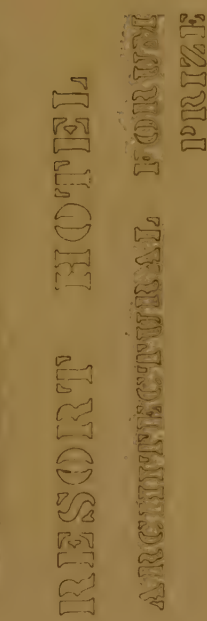
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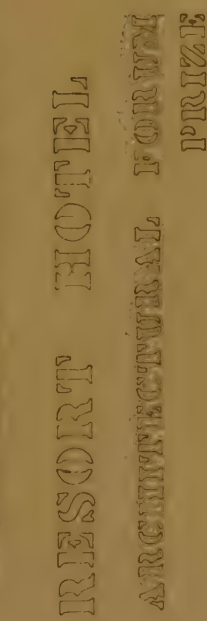
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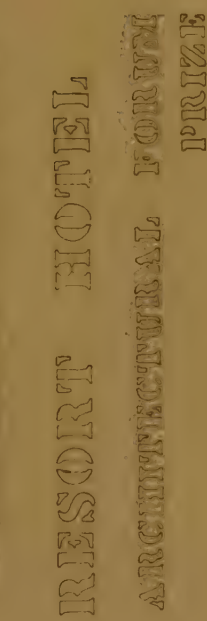
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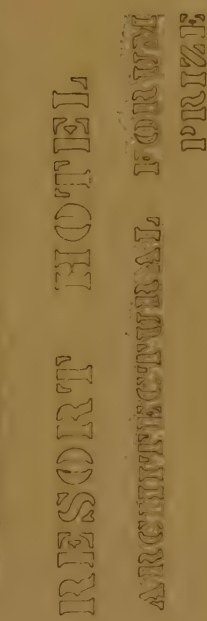
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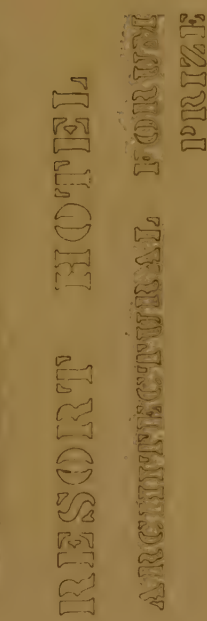
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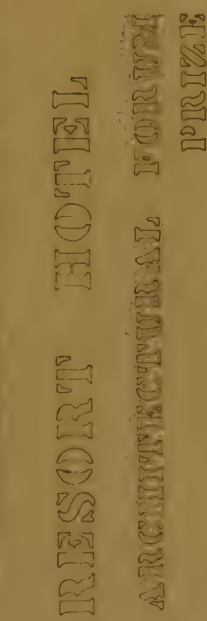
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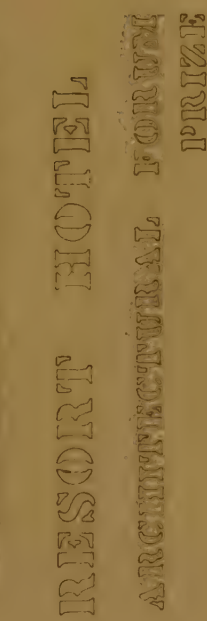
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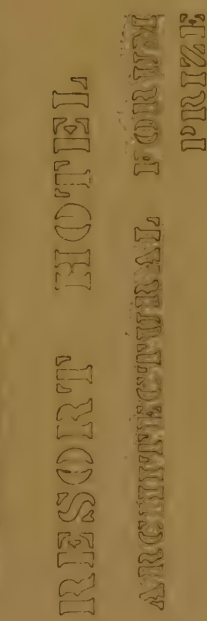
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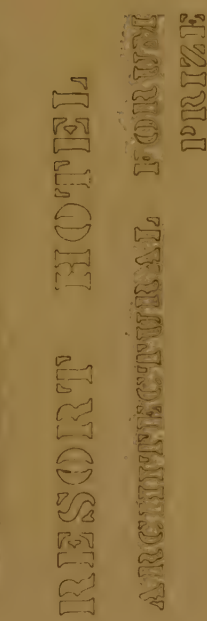
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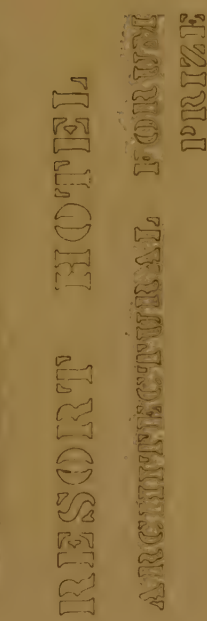
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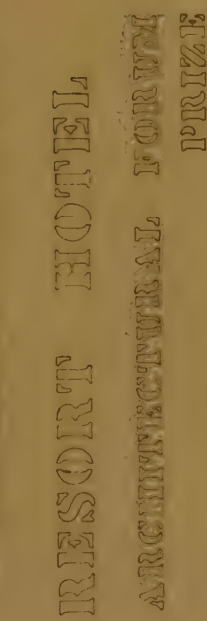
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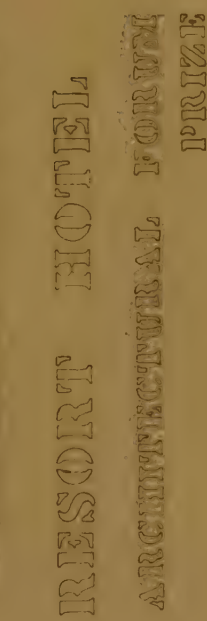
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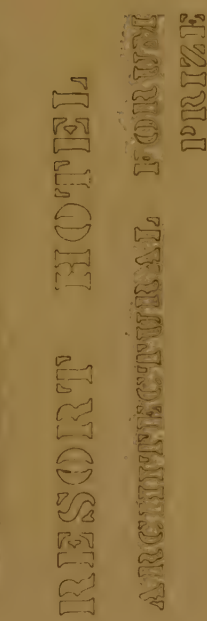
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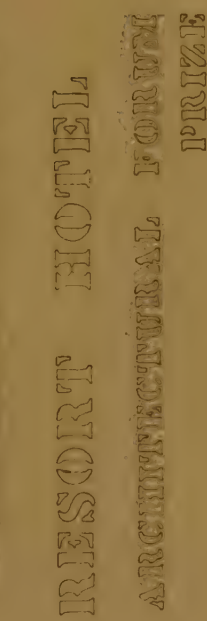
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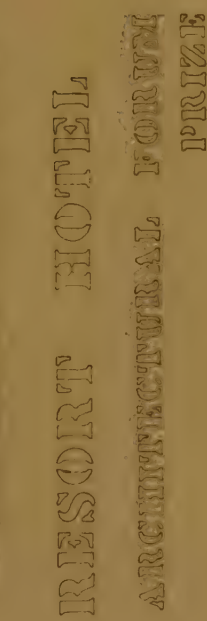
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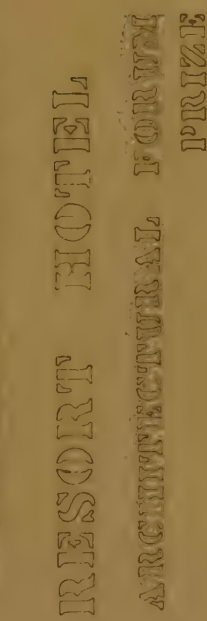
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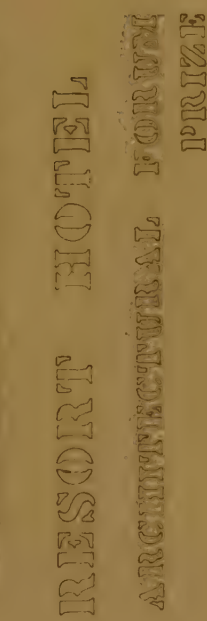
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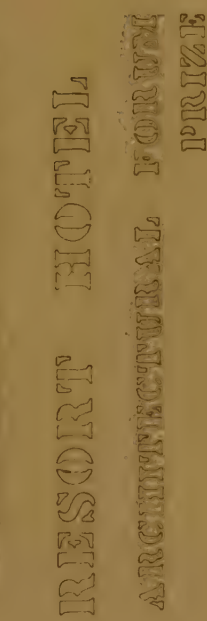
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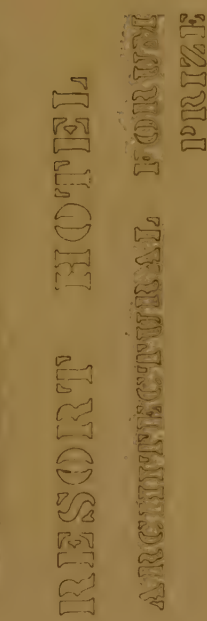
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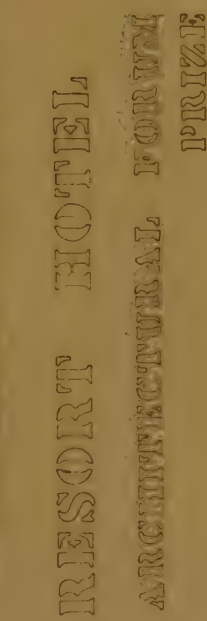
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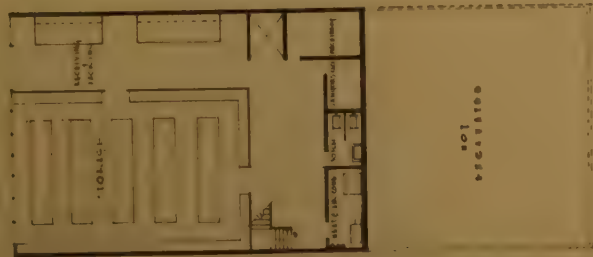
SECTION

HANDICRAFT SHOPS

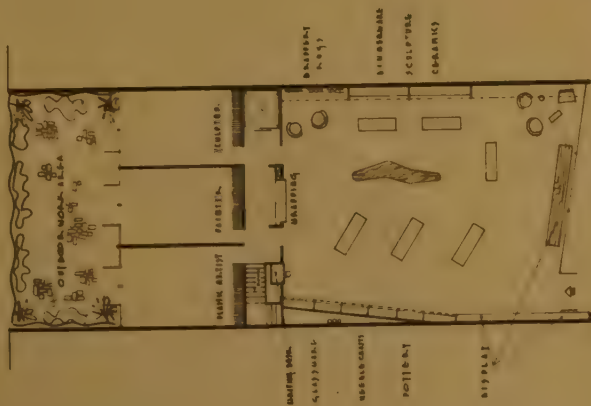
STAIR



SCALE 1/4" = 1'-0"
 1/4" = 1'-0"



BASMENT PLAN
SCALE 1/8" = 1'-0"



FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"



FRONT
PERSPECTIVE

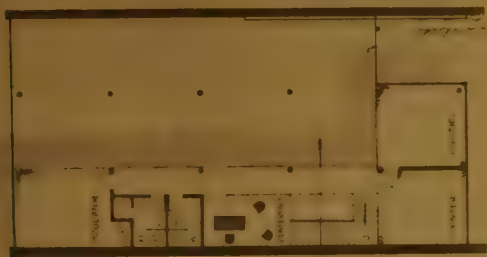


MANDICRAFT SHOP

125



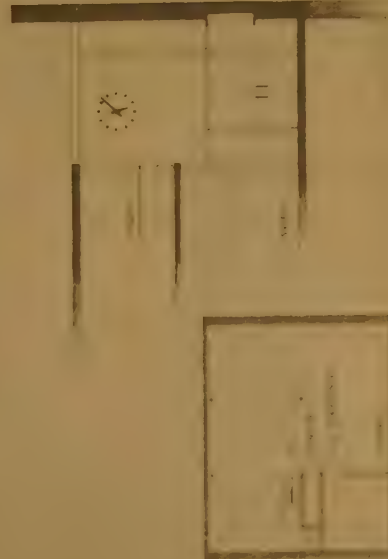
PLANNED FOR
VISIBILITY OF SALES
FLOOR FOR PARTNERS



BALCONY SCALE 1/8" = 1'-0"



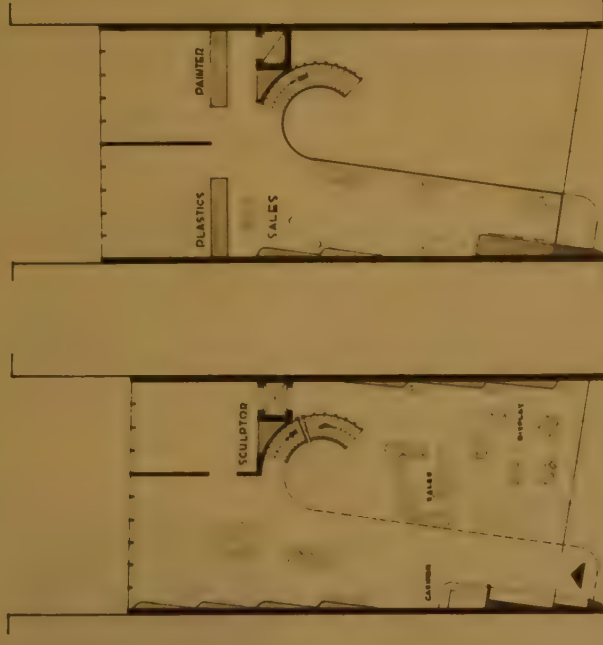
A HANDICRAFT SHOP



SCALE 1/8" = 1'-0"



BASEMENT 100' x 100'



STREET FLOOR 100' x 100'



A HANDICRAFT SHOP



SECTION 100' x 100'

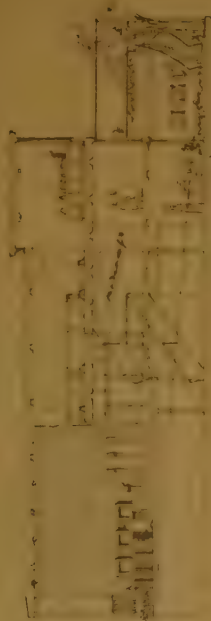


FRONT ELEVATION 100' x 100'

HERBERT SAVAGE
U - ILLINOIS
CL. B. PROJ. I
A HANDICRAFT SHOP

NOTES

ALL CONCRETE WORK SHALL BE
CONSTRUCTED IN ACCORDANCE WITH
THE SPECIFICATIONS OF THE
AMERICAN SOCIETY OF CIVIL ENGINEERS
AND THE AMERICAN INSTITUTE OF
STEEL CONSTRUCTION, INC., AND
THE LATEST EDITIONS OF THE
SPECS. FOR STRUCTURAL STEEL
AND REINFORCED CONCRETE
WORK.



SECTION - EAST-WEST

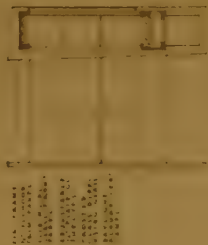
FRONT ELEVATION



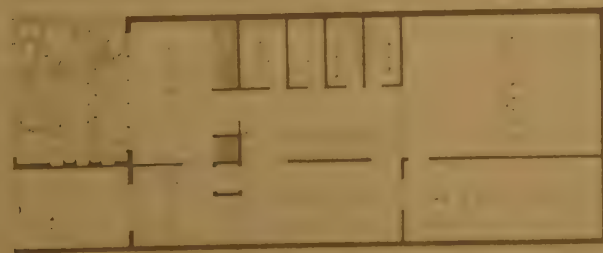
SECTION FOR BILLY'S CASE



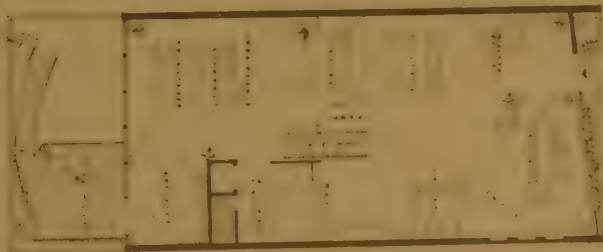
SECTION FOR CASE



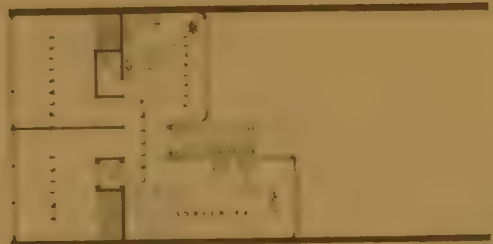
SECTION FOR CASE



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



PERSPECTIVE

A HANDICRAFT SHOP

DISPLAY SYSTEM

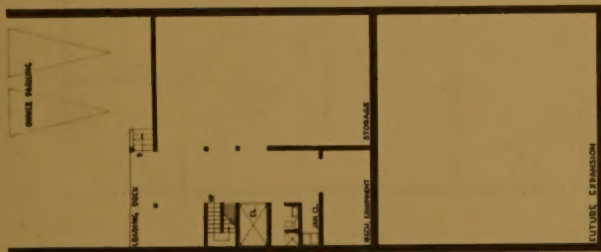
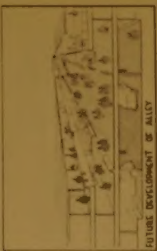
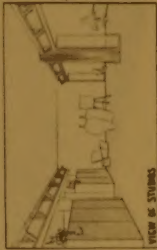
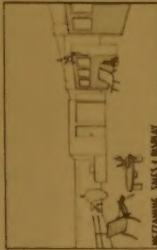
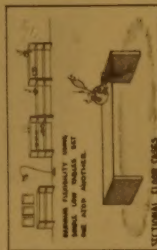
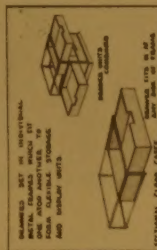
- SIMPLE ORDER FRONT (EASIES 90% OF ORDERING)
- SET-UP OF ENTIRE SHOW
- SET-BACK FRONT CONTROLS CLARE
- PROTECTS SHOPPER FROM RAIN & SUN.
- MEGACHAIN OF SPECIALIZED WORKFORCE QUALITY REQUIRES A FEW ITEMS TASTEFULLY DISPLAYED
- GENERAL SALES AREA ON STREET LEVEL WITH MORE INTIMATE MOUNTINGS & SCULPTURE ON MEZZANINE
- FLEXIBILITY IN SHOW CABINET EQUIPMENT A NECESSITY

STUDIO ARRANGEMENT

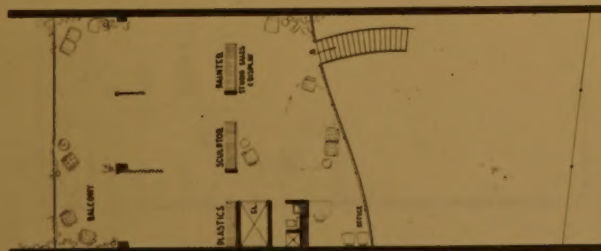
- BECAUSE OF THE NATURE OF THEIR STUDIO WORK, THE SHOP OWNERS WILL ACT AS SALES- MEN IN SUITS.
- PRIVATE WAITING & SELLING AREA PROVIDED ON MEZZANINE FOR STUDIOS.
- STUDIOS SEPARATED FROM ONE ANOTHER, OR NOT, AS DESIRED.
- FLEXIBILITY OF DESIGN PROVIDED FOR USE OF ENTIRE MEZZANINE AS A GALLERY OR SALON AS CONDITIONS REQUIRE.

OUTDOOR AREAS

- TERRACE ON MAIN FLOOR IS AN INTEGRAL PART OF THE SKYLIGHT AREA - OUTDOOR FURNITURE, HEAVY CERAMICS & POTTERY, SCULPTURE
- * A WIDE BALCONY ON MEZZANINE PROVIDES A PRIVATE REST AREA FOR COASTMEN
 - * SERVICE AT BASEMENT LEVEL SELECTED AS MOST ADVANTAGEOUS
 - * FUTURE CONSTRUCTION BRIDGES ENTIRE ALLEY AT MAIN FLOOR LEVEL WITH A "GARDEN WALL" DOWN CENTER OF BLOCK FOR SHOPS



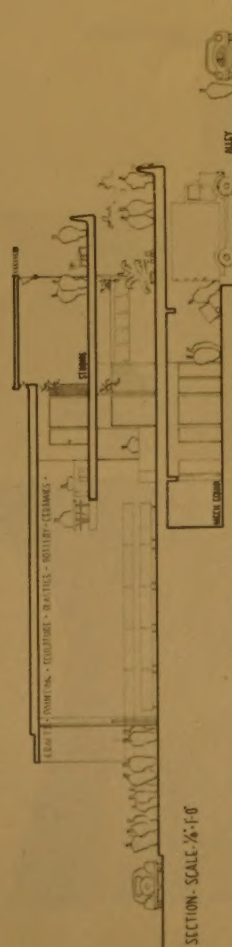
BASEMENT SCALE - 1/8" = 1'-0"



MEZZANINE SCALE 1/2-1.0'



www.1000-steps.com



SECTION-SCALE-1/8"-1'-0"



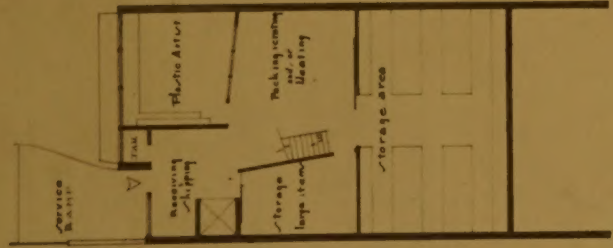
CPAL 13



1st floor plan A-1'



Mezzanine A-1'



Basement A-1'



Front View

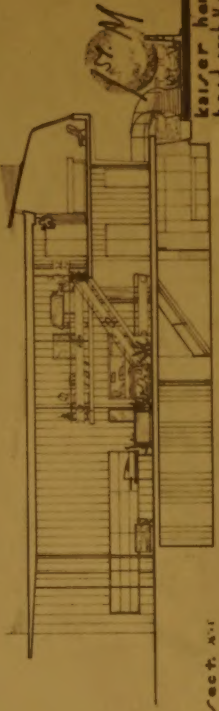
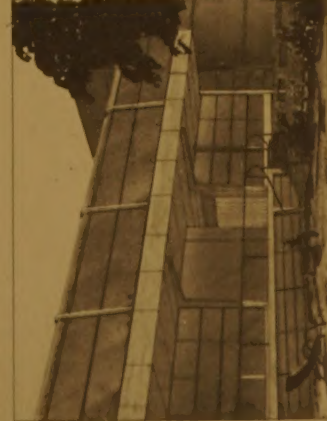
- Notes
- walls-reinforced concrete.
 - open webbed ceiling joists recommended to provide for dead air space without additional roof thickness.
 - entire store is displayed.
 - all display cases are lighted within.

a handicraft shop

interior



rear view



Section A-1'

